

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD 15-7-2-2				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8164				
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL BHilgers@billbarrettcorp.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Glenn & Shirley Huber						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-247-2336				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO Box 154, LaPoint, UT 84039						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		660 FSL 1980 FEL		SWSE	7	2.0 S	2.0 E	U		
Top of Uppermost Producing Zone		660 FSL 1980 FEL		SWSE	7	2.0 S	2.0 E	U		
At Total Depth		660 FSL 1980 FEL		SWSE	7	2.0 S	2.0 E	U		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 660			23. NUMBER OF ACRES IN DRILLING UNIT 640				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 8991			26. PROPOSED DEPTH MD: 12876 TVD: 12876				
27. ELEVATION - GROUND LEVEL 5201			28. BOND NUMBER LPM4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-180				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.8	Unknown	0	0.0	0.0
SURF	14.75	10.75	0 - 3500	45.5	J-55 ST&C	8.8	Halliburton Light , Type Unknown	940	3.16	11.0
							Halliburton Premium , Type Unknown	360	1.36	14.8
PROD	9.875	5.5	0 - 12876	17.0	P-110 LT&C	10.5	Unknown	1230	2.31	11.0
							Unknown	1840	1.42	13.5
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Venessa Langmacher				TITLE Senior Permit Analyst			PHONE 303 312-8172			
SIGNATURE				DATE 11/30/2011			EMAIL vlangmacher@billbarrettcorp.com			
API NUMBER ASSIGNED 43047522270000				APPROVAL Permit Manager						

DRILLING PLAN

BILL BARRETT CORPORATION

FD #15-7-2-2SW SE, 660' FSL and 1980' FEL, Section 7, T2S - R2E, USB&M
Duchesne County, UT**1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth</u>
Green River	5,931'
Mahogany	6,821'
Lower Green River*	8,116'
Douglas Creek	8,266'
Black Shale	8,661'
Castle Peak	8,796'
Wasatch*	9,876'
TD	12,876'

*PROSPECTIVE PAY

Members of the Wasatch and the Lower Green River are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 80'	No pressure control required
80'- 3500'	13-5/8" diverter plumbed through the rigs manifold
3,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
<u>(FROM)</u>	<u>(TO)</u>						
26"	Surface	80'	16"	65#			
14 3/4"	Surface	3,500'	10-3/4"	45.5#	J or K 55	BT&C	New
9-7/8" & 8-3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New
NOTE: If necessary due to lost circulation, BBC would like to request the option to set 7-5/8", 29.70# P-110 LT&C at 9,800', then drill a 6-1/2" hole to TD and run 5-1/2" casing as a 3000' liner (200' liner lap).							

Bill Barrett Corporation
 Drilling Program
 FD #15-7-2-2
 Duchesne County, Utah

5. Cementing Program

<u>Casing</u>	<u>Cement</u>
16" Conductor Casing	Grout
14-3/4" hole for 10-3/4" Surface Casing	<p><i>Lead</i> with approximately 940 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Planned top of lead cement at surface.</p> <p><i>Tail</i> with approximately 360 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx). Calculated hole volume with 75% excess. Planned top of tail cement at 3,000'.</p>
9-7/8 hole for 5 1/2" Production Casing May reduce hole size to 8-3/4" at 9,800' if minimal hole problems.	<p><i>Lead</i> with approximately 1230 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Planned top of lead cement at 3,000'</p> <p><i>Tail</i> with approximately 1840 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned top of tail cement at 8,161'.</p>
<p>NOTE: If 7-5/8" casing is necessary, cement with Lead with approximately 700 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Tail with approximately 240 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned TOC surface. We will perform a FIT to 10.2 ppg after drilling 20' of new hole.</p> <p>The 5-1/2" liner would be cemented with 300 sx of Class G 50/50 Poz w/ 2% gel, 14.2 ppg (yield = 1.42 ft³/sx) with additives from TD to 200' above TOL.</p>	

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,000' – TD	8.6 – 10.5	42 – 52	20 cc or less	DAP Polymer Fluid System
<p>Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.</p>				

Bill Barrett Corporation
 Drilling Program
 FD #15-7-2-2
 Duchesne County, Utah

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.
NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.	

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 7030 psi* and maximum anticipated surface pressure equals approximately 4198 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. Drilling Schedule

Location Construction: January 2012
 Spud: January 2012
 Duration: 15 days drilling time
 45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

AS OF: 2/18/2011

Well Name: FD 15-7-2-2**Surface Hole Data:**

Total Depth:	3,500'
Top of Cement:	0'
OD of Hole:	14.750"
OD of Casing:	10.750"

Calculated Data:

Lead Volume:	2920.7	ft ³
Lead Fill:	3,000'	
Tail Volume:	486.8	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	940
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Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	3,000'	

# SK's Tail:	360
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Production Hole Data:

Total Depth:	12,876'
Top of Cement:	3,000'
Top of Tail:	8,161'
OD of Hole:	9.875"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	2840.2	ft ³
Lead Fill:	5,161'	
Tail Volume:	2595.0	ft ³
Tail Fill:	4,715'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	1230
# SK's Tail:	1840

FD 15-7-2-2 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (3000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 3,000'
	Volume: 520.16 bbl
	Proposed Sacks: 940 sks
Tail Cement - (TD - 3000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 500'
	Volume: 86.69 bbl
	Proposed Sacks: 360 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (8161' - 3000')	
Tuned Light TM System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 5,161'
	Volume: 505.82 bbl
	Proposed Sacks: 1230 sks
Tail Cement - (12876' - 8161')	
Econocem TM System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 8,161'
	Calculated Fill: 4,715'
	Volume: 462.15 bbl
	Proposed Sacks: 1840 sks

PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. One (1) pipe ram (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) choke line valves (3-inch minimum).
6. Kill line (2-inch minimum).
7. Two (2) chokes with one (1) remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Pressure gauge on choke manifold.
13. Fill-up line above the uppermost preventer.

B. Pressure Rating: 5,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be

maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

T2S, R2E, U.S.B.&M.**BILL BARRETT CORPORATION**

Well location, FD #15-7-2-2, located as shown in the SW 1/4 SE 1/4 of Section 7, T2S, R2E, U.S.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

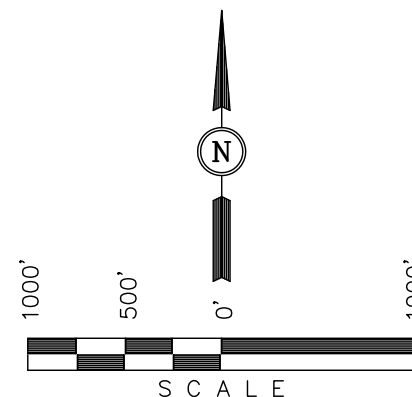
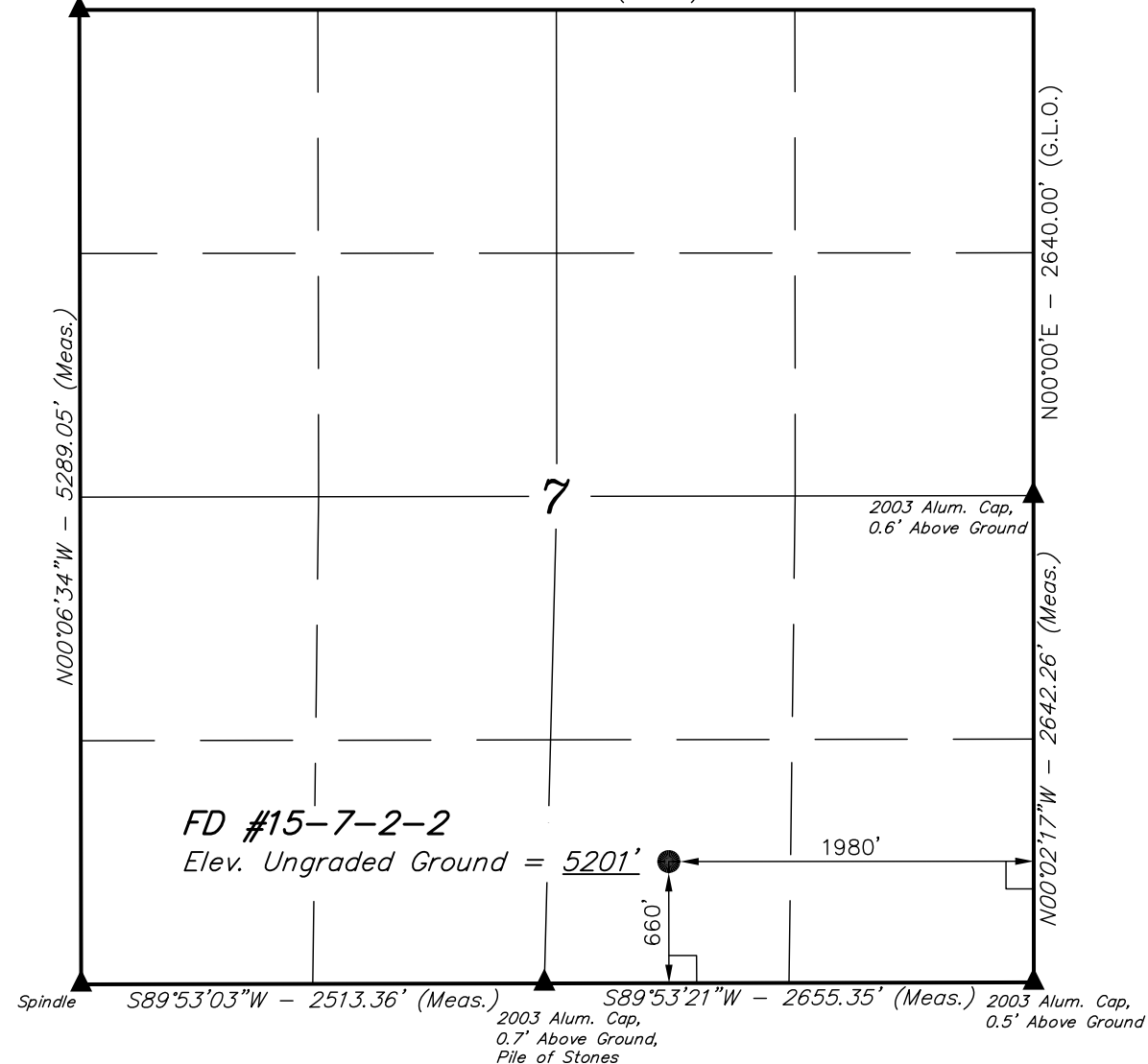
SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 26, T5S, R19E, S.L.B.&M. TAKEN FROM THE VERNAL SW, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5268 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

5/8" Rebar,
0.2' Below Road

EAST - 5142.72' (G.L.O.)

**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT L. KAY
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

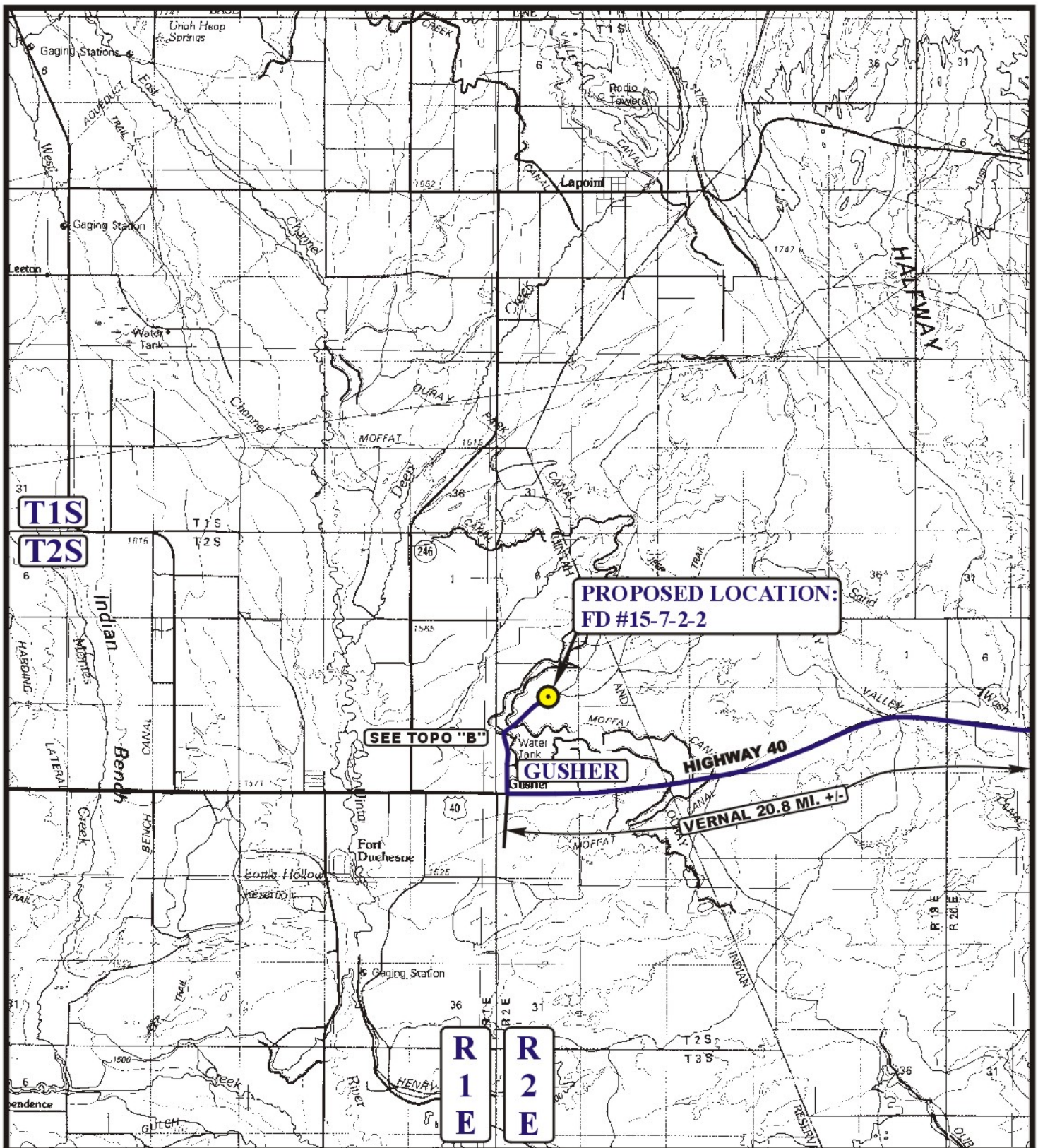
▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°19'05.76" (40.318267)
LONGITUDE = 109°48'36.71" (109.810197)
(NAD 27)
LATITUDE = 40°19'05.90" (40.318306)
LONGITUDE = 109°48'34.19" (109.809497)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 09-06-11	DATE DRAWN: 10-12-11
PARTY C.R. S.R. J.J.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

RECEIVED: November 30, 2011



LEGEND:

PROPOSED LOCATION

N

BILL BARRETT CORPORATION

FD #15-7-2

SECTION 7, T2S, R2E, S.L.B.&M.

660' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
MAP

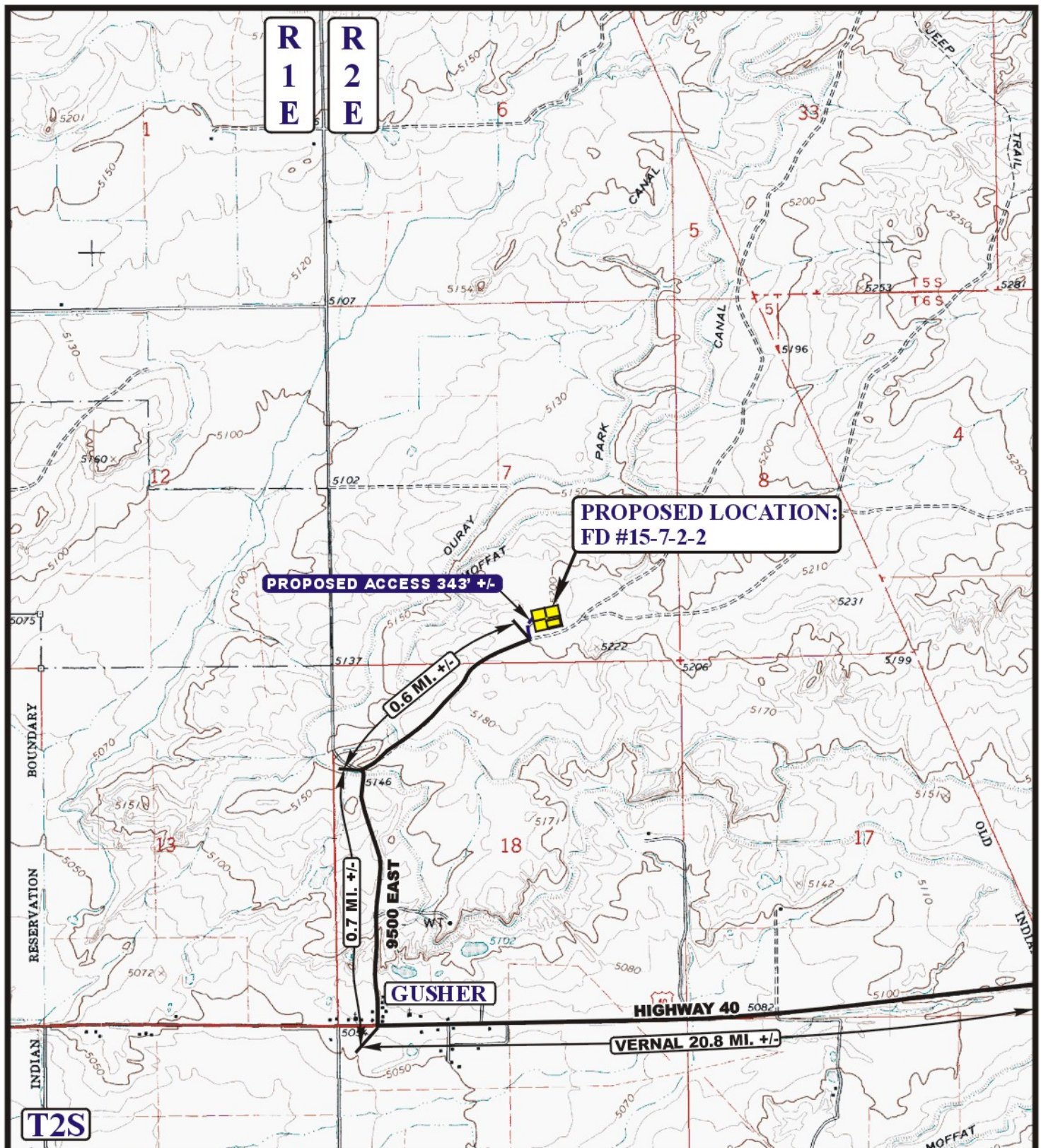
10 07 11
 MONTH DAY YEAR

SCALE: 1:100,000

DRAWN BY: C.I.

REVISED: 00-00-00





LEGEND:

— EXISTING ROAD
 - - - PROPOSED ACCESS ROAD



BILL BARRETT CORPORATION

FD #15-7-2-2
SECTION 7, T2S, R2E, S.L.B.&M.
660' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD
M A P

10 07 11
 MONTH DAY YEAR

B
TOPO

SCALE: 1" = 2000' DRAWN BY: C.I. REVISED: 00-00-00

SURFACE USE AGREEMENT
(FD 15-7-2-2)

THIS AGREEMENT Dated October 19, 2011 by and between Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982 whose address is P.O. Box 154, Lapoint, UT 84039, hereinafter referred to as "Surface Owner", and Bill Barrett Corporation, whose address is 1099 18th Street, #2300, Denver, CO 80202 hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owner represents that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah, hereinafter referred to as "Lands", to wit:
A Tract of land lying in the **SWSE of Section 7, Township 2 South, Range 2 East** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owner is generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owner as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

a. Wellsites and Access. said **FD 15-7-2-2** wellsite and related access road to be constructed and located on the Lands, together with any lands used for production facilities or other necessary facilities in connection with the wellsites. If, by reasons directly resulting from the operations of Operator, there is damage to real or personal property upon the Lands which is not associated with usual and customary operations, such as (but not limited to) damage to livestock, structures, buildings, fences, culverts, cement ditches, irrigation systems, and natural water ways, such damage will be repaired or replaced by Operator, or Operator will pay reasonable compensation to Surface Owner for such additional damage.

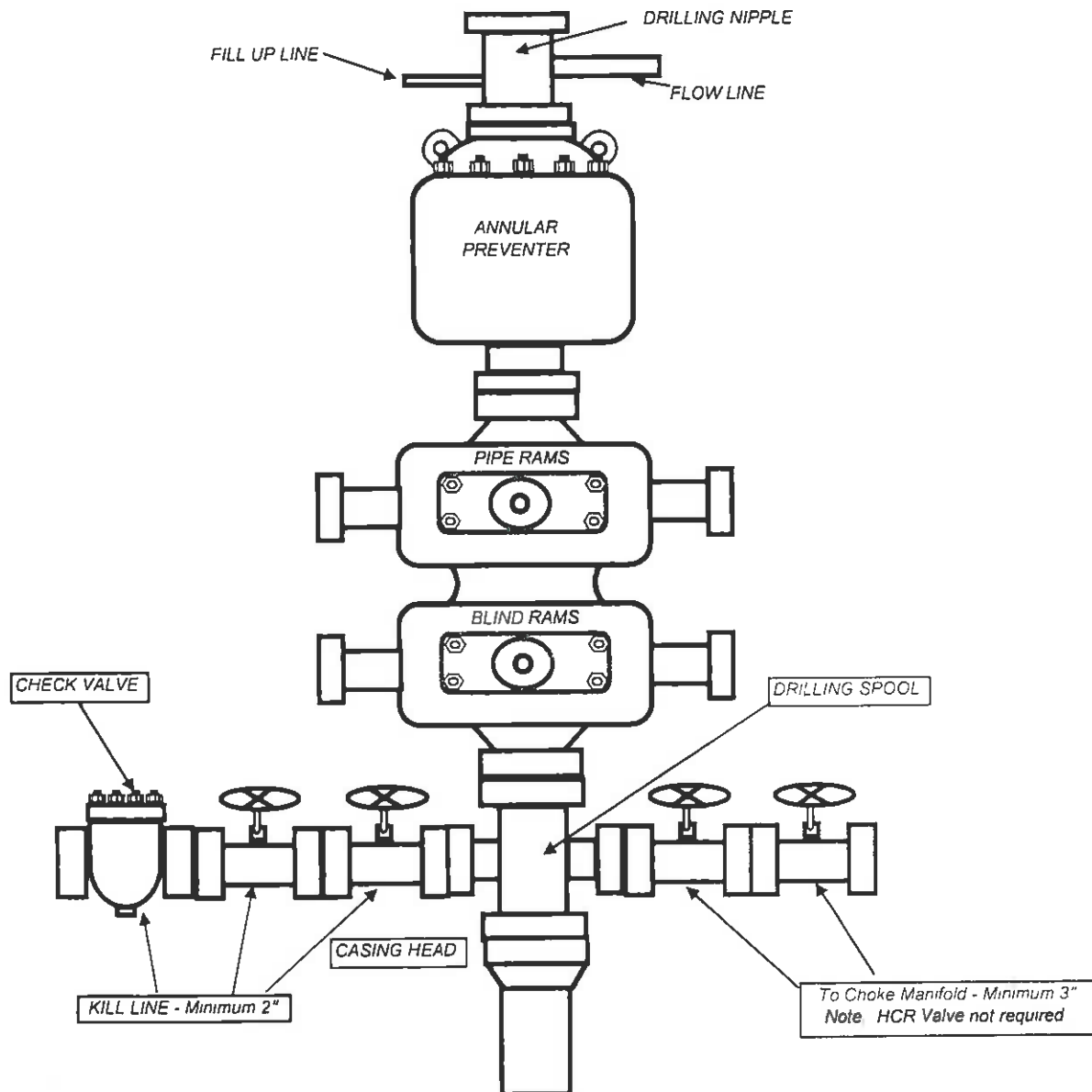
b. Power Lines and Pipelines. For each new power line or new pipeline installed by Operator, Operator shall pay to Owner _____ per rod for each such line. Operator shall be responsible for back filling, re-packing, re-seeding, and re-contouring the surface so as not to interfere with Owner's operations. Operator shall provide Owner with a survey showing the location of all power lines, pipelines and gathering systems promptly after their installation. All pipelines and gathering systems located by Operator on the Lands shall be buried to a depth of at least three (3) feet below the surface, and surface marked in accordance with industry standards. All easements and rights-of-way for power lines and pipelines shall be fifty (50) feet in width during initial construction and reclamation activities, and after completion of initial construction and reclamation activities such easements and rights-of-way shall revert to twenty-five (25) feet in width being twelve and one-half (12.5) feet on each side of the centerline of the line. Notwithstanding, Operator shall have the right to temporarily lay pipelines on the surface for a period not to exceed three years with the consent of the Owner, which consent shall not be unreasonably withheld. All power lines shall be installed underground to a depth of at least three (3) feet below the surface whenever reasonably practical to do so.

2. Operator agrees to consult with the surface owner and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owner and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. BLOWOUT PREVENTER





November 30, 2011

Utah Division of Oil, Gas and Mining
Attention: Dustin Doucet
1594 West North Temple, Suite 1120
Salt Lake City, Utah 84116

RE: Commingle Notice
Fort Duchesne Field
FD 15-7-2-2
SWSE, Section 7 T2S R2E
Uintah County, UT

Dear Mr. Doucet,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well located in the Fort Duchense Field. In compliance with Utah OGM regulation R649-3-22, BBC has enclosed copies of the completed application.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Thomas J. Abell
Landman

Enclosures



AFFIDAVIT OF NOTICE

My name is Thomas J. Abell. I am a Landman with Bill Barrett Corporation (BBC). BBC has submitted an application to commingle production from the Wasatch and Green River formations in the following well within the Fort Duchesne Field:

FD 15-7-2-2 Well SWSE 7 T2S-R2E

In compliance with the Utah OGM regulation R649-3-22, I have provided a copy of the application, by certified mail, to the owners as listed below of all contiguous oil and gas Leases or drilling units overlying the pool.

Lessors

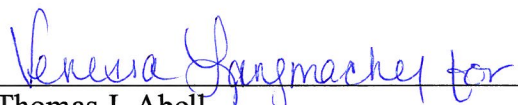
Diana C. Peterson

Jess C. Cheney

Bennett Exploration and Production Company, a dissolved Colorado Corporation
Alpine Springs, LLC, a Utah LLC

Date: November 30, 2011

Affiant



Thomas J. Abell
Landman



November 30, 2011

Jess C. Cheney
2040 E. 4800 South NO 208
Holladay, UT 84117


RE: Commingle Notice
FD 15-7-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION


Thomas J. Abell *for*
Landman

Enclosures



November 30, 2011

KB Resources, Inc.
5005 Woodway Drive, Suite 300
Houston, TX 77056-1784

RE: Commingle Notice
FD 15-7-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

Veneria Gangmarcher
for
Thomas J. Abell
Landman

Enclosures



November 30, 2011

Diana C. Peterson
1365 Ambassador Way
Salt Lake City, UT 84108

RE: Commingle Notice
FD 15-7-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION



Thomas J. Abell
Landman

Enclosures



November 30, 2011

Bennett Exploration & Production Company
1580 Lincoln Street, Suite 630
Denver, CO 80203

RE: Commingle Notice
FD 15-7-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION



Thomas J. Abell
Landman

Enclosures



Bill Barrett Corporation

November 30, 2011

Alpine Springs, LLC
4722 South Bountiful Ridge
Bountiful, UT 84010

RE: Commingle Notice
FD 15-7-2-2
Uintah County, UT

Dear Sir or Madam,

Bill Barrett Corporation has submitted an application to commingle production from the Wasatch and Green River formations in the subject well. We enclosed herewith copies of the application together with a plat showing the leases and wells in the area and affidavit confirming notice pursuant to the Utah OGM regulations.

Should you require additional information in this regards, please feel free to contact me at 303-299-9935. Your earliest attention to this matter is appreciated.

BILL BARRETT CORPORATION

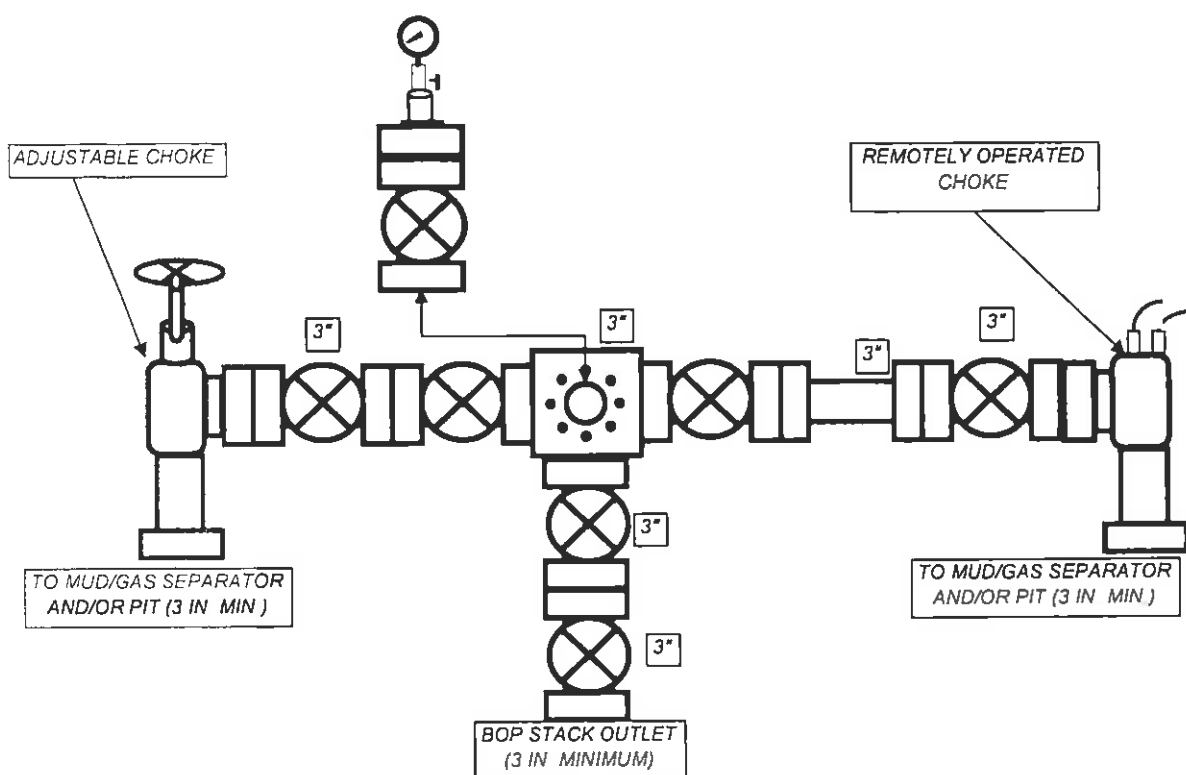
Thomas J. Abell
for

Thomas J. Abell
Landman

Enclosures

BILL BARRETT CORPORATION

TYPICAL 5,000 p.s.i. CHOKE MANIFOLD



BILL BARRETT CORPORATION

LOCATION LAYOUT FOR

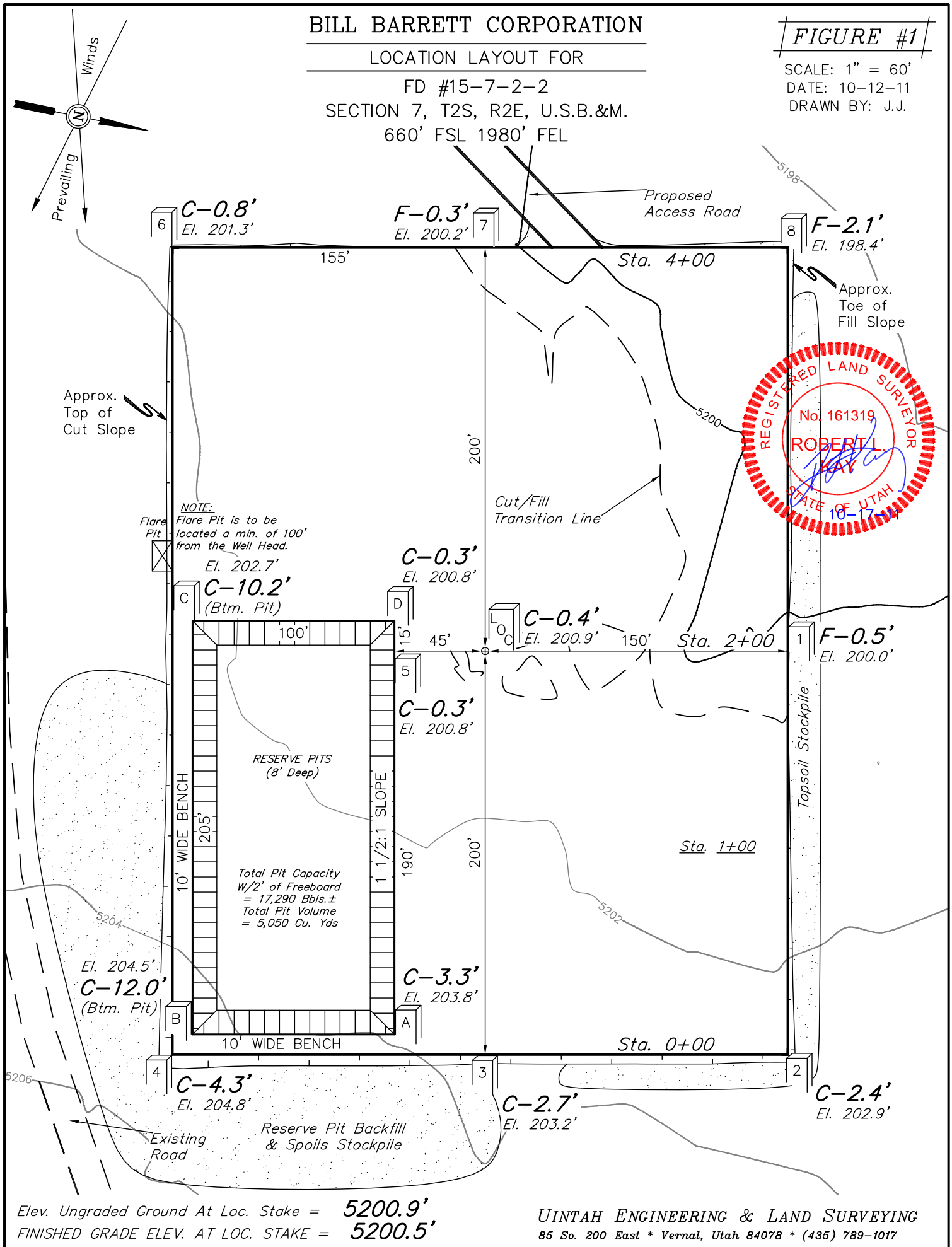
FD #15-7-2-2
SECTION 7, T2S, R2E, U.S.B.&M.
660' FSL 1980' FEL

FIGURE #1

SCALE: 1" = 60'

DATE: 10-12-11

DRAWN BY: J.J.



RECEIVED: November 30, 2011

BILL BARRETT CORPORATION

TYPICAL CROSS SECTIONS FOR

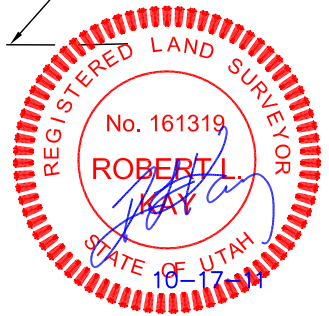
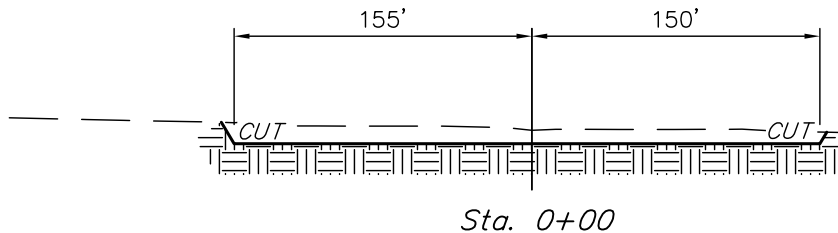
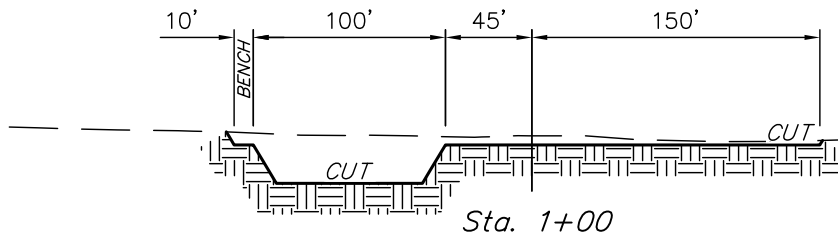
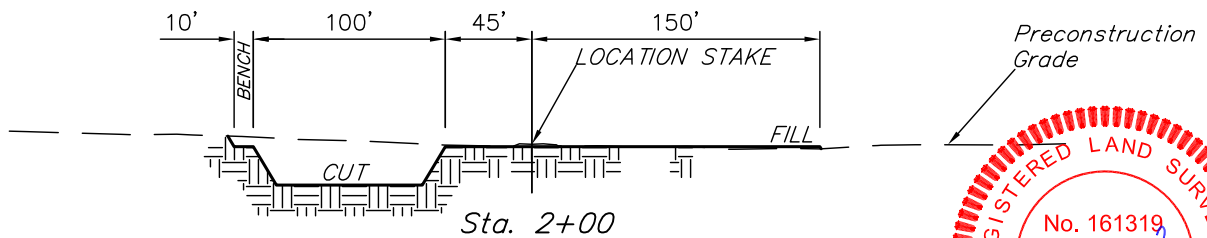
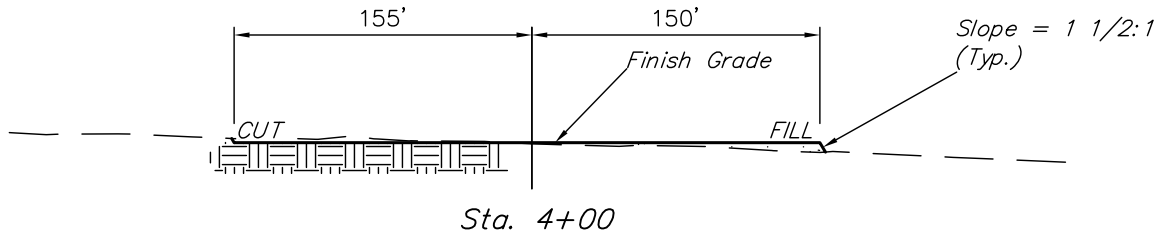
FD #15-7-2-2

SECTION 7, T2S, R2E, U.S.B.&M.

660' FSL 1980' FEL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'
DATE: 10-12-11
DRAWN BY: J.J.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 3.616 ACRES
ACCESS ROAD DISTURBANCE = ± 0.213 ACRES
TOTAL = ± 3.829 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,360 Cu. Yds.
Remaining Location = 8,330 Cu. Yds.
TOTAL CUT = 10,690 CU.YDS.
FILL = 980 CU.YDS.

EXCESS MATERIAL = 9,710 Cu. Yds.
Topsoil & Pit Backfill = 4,890 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 4,820 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: November 30, 2011

BILL BARRETT CORPORATION

TYPICAL RIG LAYOUT FOR

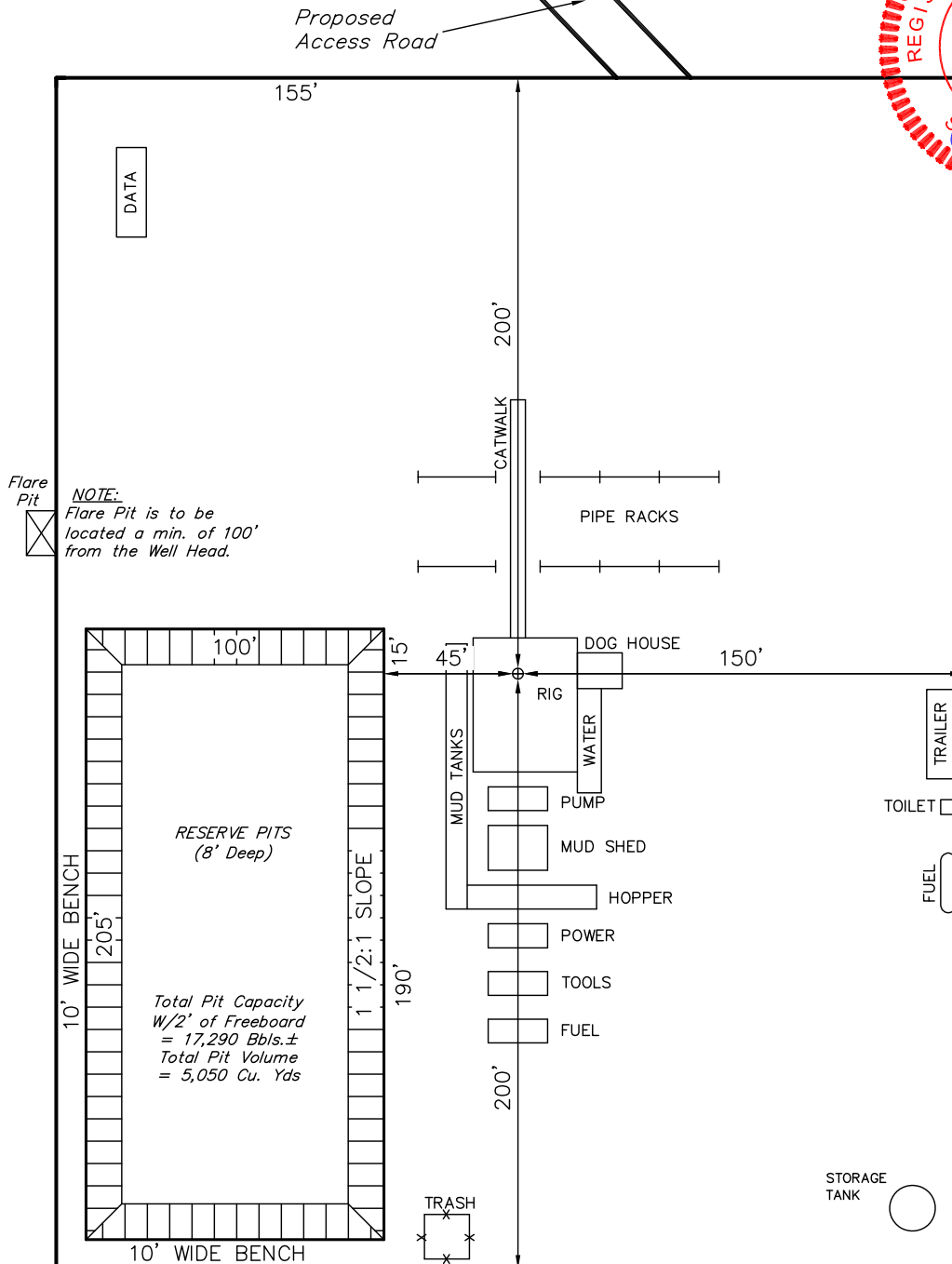
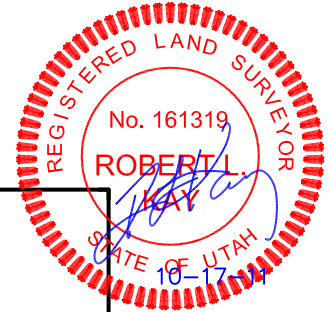
FD #15-7-2-2
SECTION 7, T2S, R2E, U.S.B.&M.
660' FSL 1980' FEL

FIGURE #3

SCALE: 1" = 60'

DATE: 10-12-11

DRAWN BY: J.J.



UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: November 30, 2011

BILL BARRETT CORPORATION

INTERM RECLAMATION PLAN FOR

FD #15-7-2-2

SECTION 7, T2S, R2E, U.S.B.&M.

660' FSL 1980' FEL

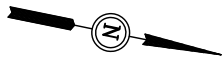
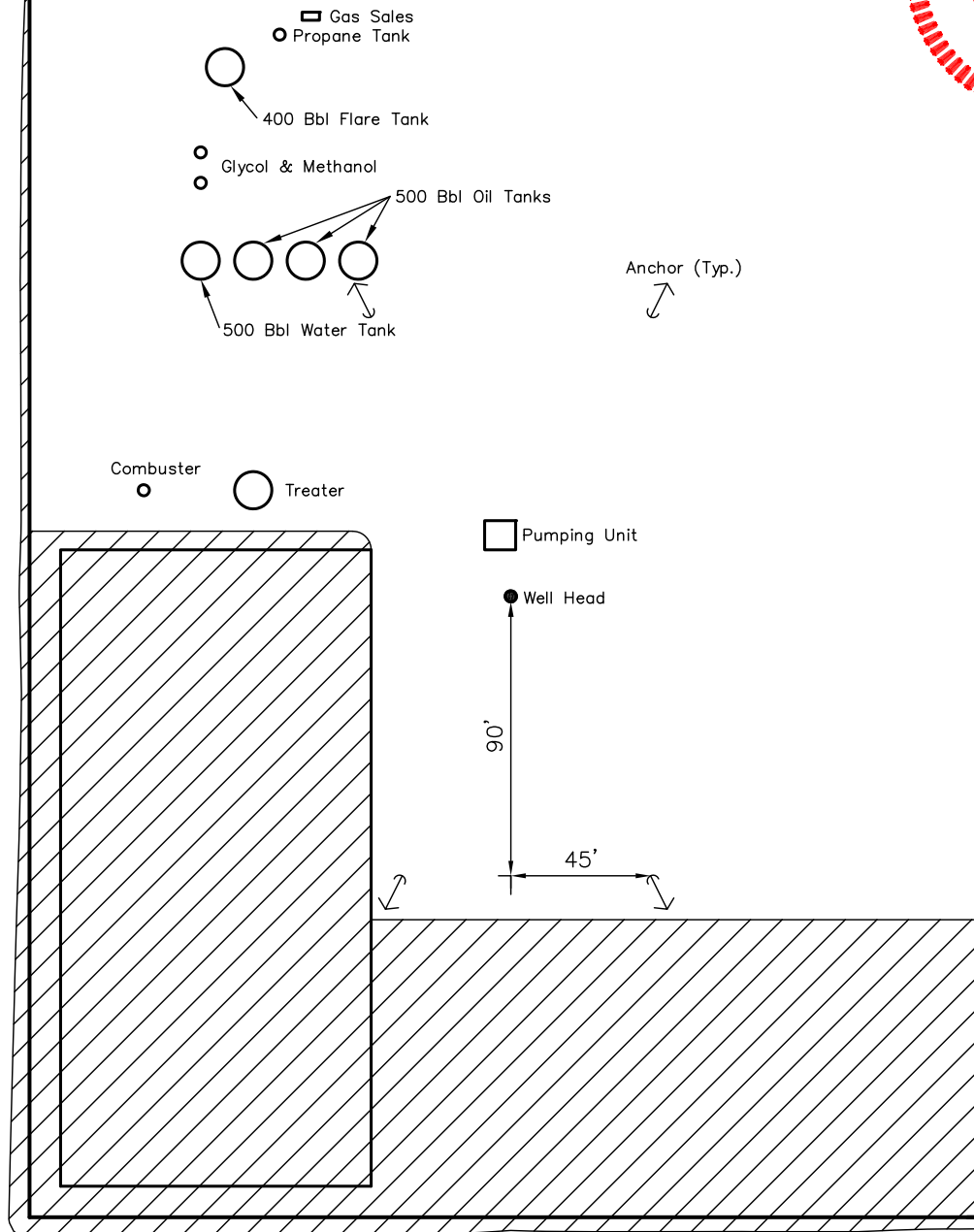
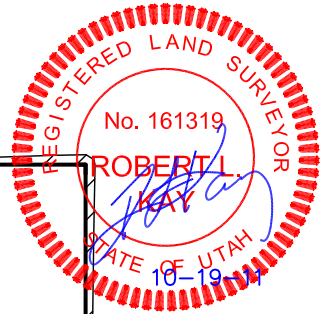
FIGURE #4

SCALE: 1" = 60'

DATE: 10-12-11

DRAWN BY: J.J.

REVISED: 10-19-11

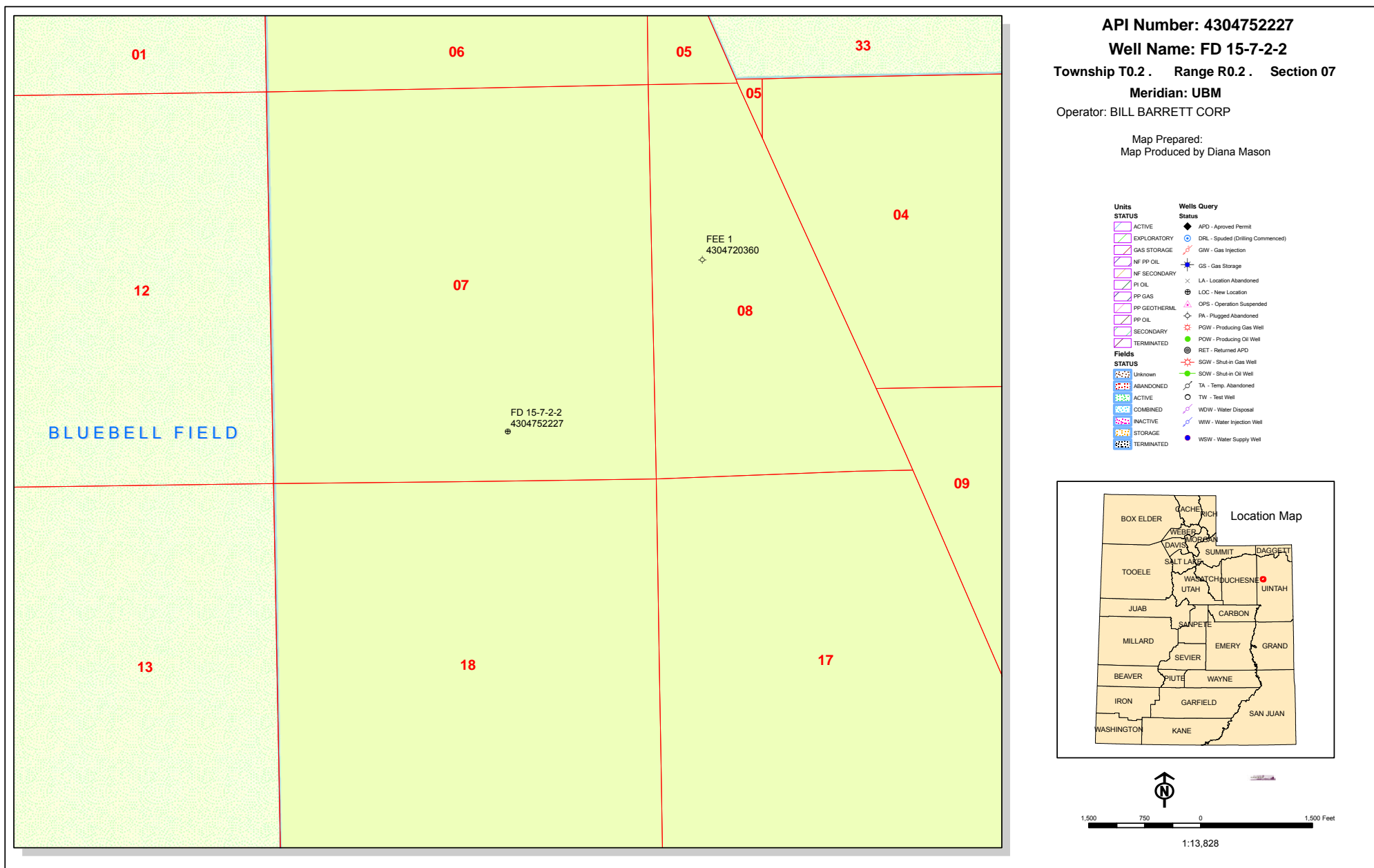
Proposed
Access Road

INTERM RECLAMATION

APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.808 ACRES

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: November 30, 2011



Well Name	BILL BARRETT CORP FD 15-7-2-2 43047522270000			
String	Cond	Surf	Prod	
Casing Size(in)	16.000	10.750	5.500	
Setting Depth (TVD)	80	3500	12876	
Previous Shoe Setting Depth (TVD)	0	80	3500	
Max Mud Weight (ppg)	8.8	8.8	10.5	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3580	10640	
Operators Max Anticipated Pressure (psi)	7030		10.5	

Calculations	Cond String	16.000	"	
Max BHP (psi)	.052*Setting Depth*MW=	37		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	27	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	19	NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	19	NO	
Required Casing/BOPE Test Pressure=		80	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient	

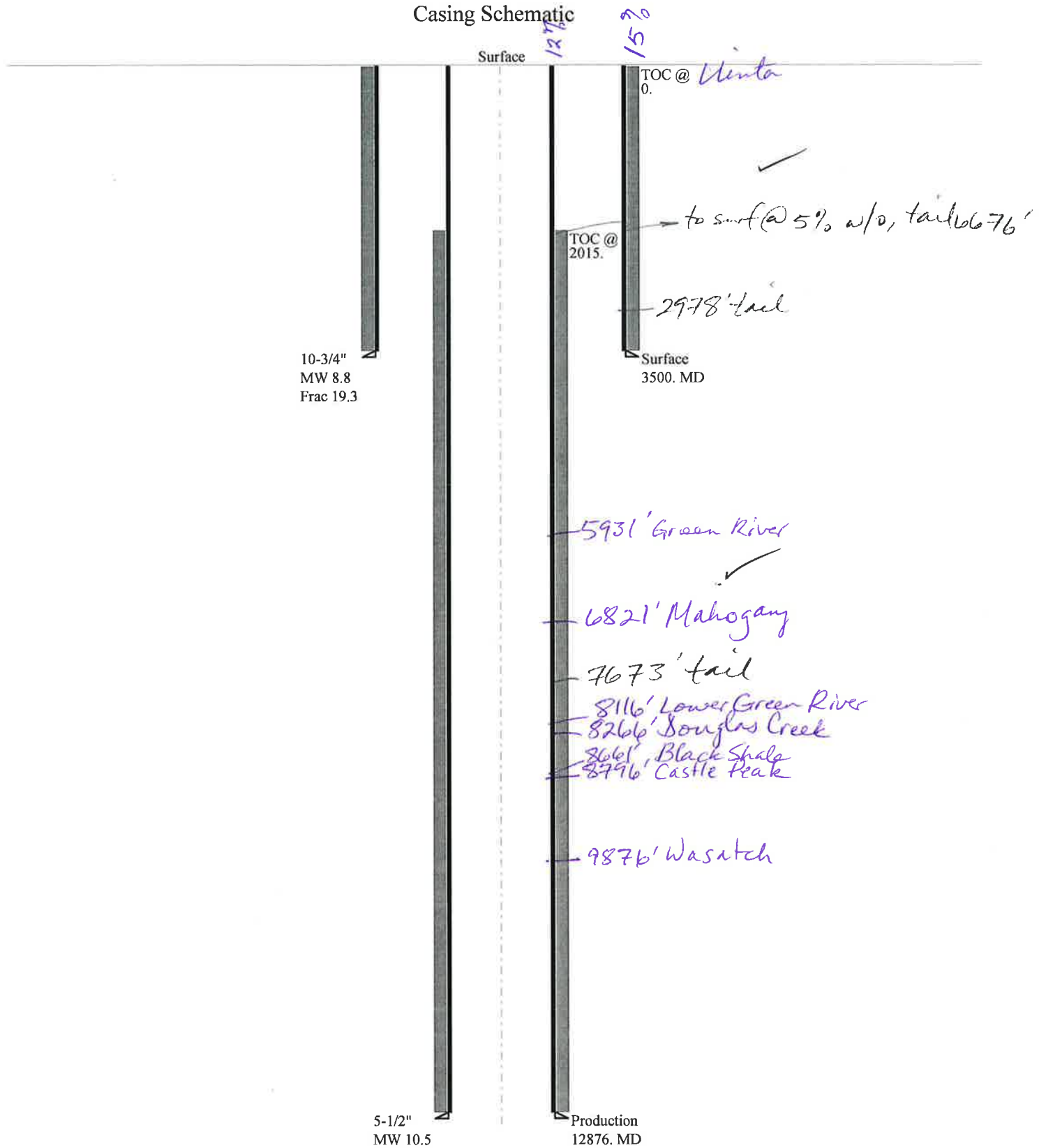
Calculations	Surf String	10.750	"	
Max BHP (psi)	.052*Setting Depth*MW=	1602		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1182	NO	FW/spud mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	832	NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	850	NO	No expected pressures
Required Casing/BOPE Test Pressure=		2506	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient	

Calculations	Prod String	5.500	"	
Max BHP (psi)	.052*Setting Depth*MW=	7030		
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5485	NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4197	YES	OK
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	4967	NO	OK
Required Casing/BOPE Test Pressure=		5000	psi	
*Max Pressure Allowed @ Previous Casing Shoe=		3500	psi *Assumes 1psi/ft frac gradient	

Calculations	String		"	
Max BHP (psi)	.052*Setting Depth*MW=			
			BOPE Adequate For Drilling And Setting Casing at Depth?	
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO	
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO	
			*Can Full Expected Pressure Be Held At Previous Shoe?	
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO	
Required Casing/BOPE Test Pressure=			psi	
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient	

43047522270000 FD 15-7-2-2

Casing Schematic



Well name:	43047522270000 FD 15-7-2-2	
Operator:	BILL BARRETT CORP	
String type:	Surface	Project ID: 43-047-52227
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,730 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 3,043 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 12,876 ft
Next mud weight: 10.500 ppg
Next setting BHP: 7,023 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3500	10.75	45.50	J-55	ST&C	3500	3500	9.825	34165
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1600	2090	1.306	3500	3580	1.02	159.3	493	3.10 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 9, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047522270000 FD 15-7-2-2		
Operator:	BILL BARRETT CORP		
String type:	Production	Project ID:	43-047-52227
Location:	UINTAH COUNTY		

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Internal fluid density: 1.000 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 254 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 2,015 ft

Burst

Max anticipated surface pressure: 4,191 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,023 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.

Neutral point: 10,826 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	12876	5.5	17.00	P-110	LT&C	12876	12876	4.767	84812
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6354	7480	1.177	7023	10640	1.51	218.9	445	2.03 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 9, 2012
Salt Lake City, Utah

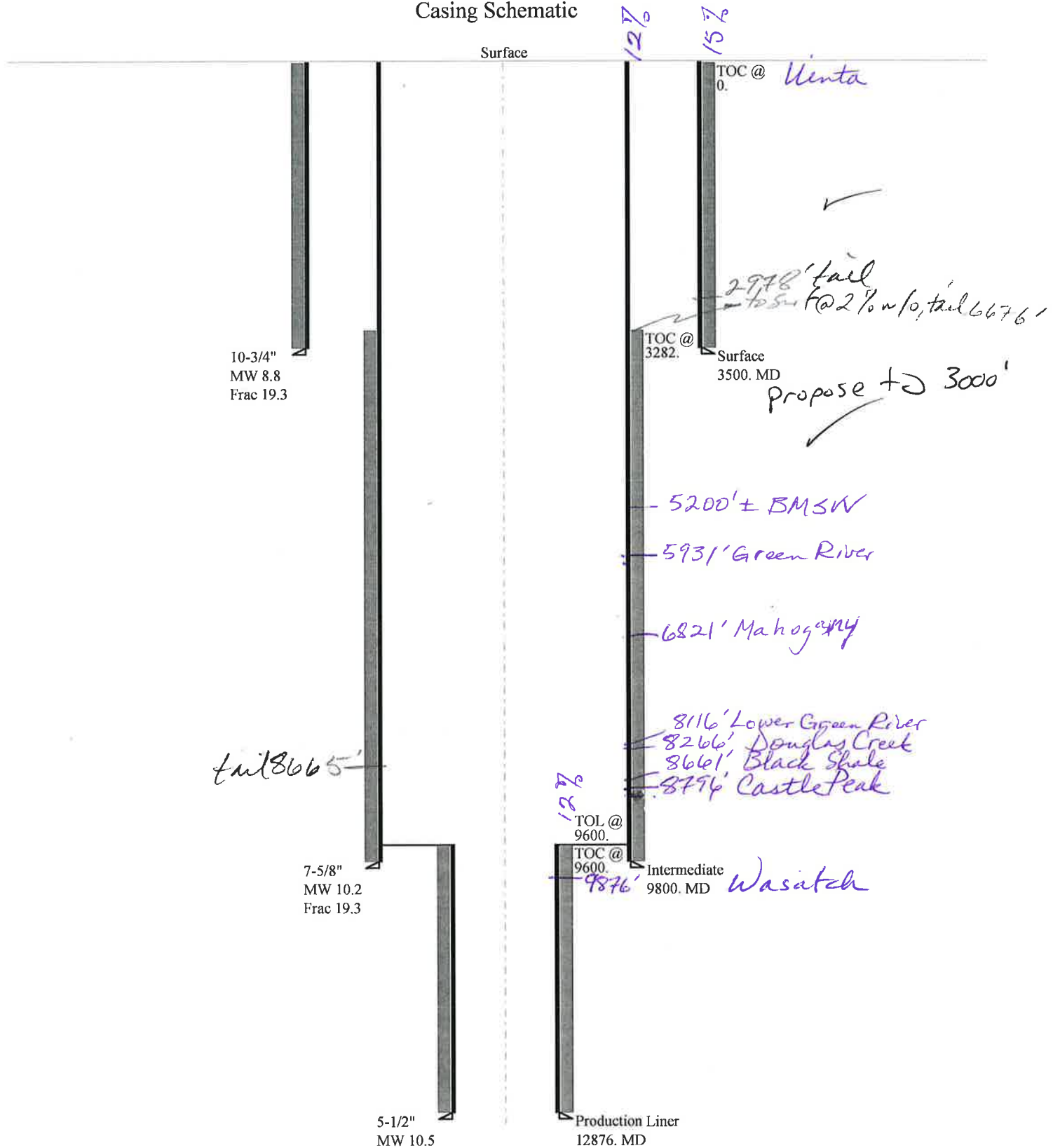
Remarks:

Collapse is based on a vertical depth of 12876 ft, a mud weight of 10.5 ppg. An internal gradient of .052 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

43047522270000 FD 15-7-2-2cont

Casing Schematic



Well name:	43047522270000 FD 15-7-2-2cont	
Operator:	BILL BARRETT CORP	Project ID:
String type:	Surface	43-047-52227
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.800 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 123 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 2,730 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 3,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 3,043 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 9,800 ft
Next mud weight: 10,500 ppg
Next setting BHP: 5,345 psi
Fracture mud wt: 19,250 ppg
Fracture depth: 3,500 ft
Injection pressure: 3,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3500	10.75	45.50	J-55	Buttress	3500	3500	9.825	36936

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1600	2090	1.306	3500	3580	1.02	159.2	715.3	4.49 B

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 9, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3500 ft, a mud weight of 8.8 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047522270000 FD 15-7-2-2cont	
Operator:	BILL BARRETT CORP	
String type:	Intermediate	Project ID: 43-047-52227
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 10.200 ppg
Internal fluid density: 1.000 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 211 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 3,282 ft

Burst

Max anticipated surface pressure: 4,191 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,347 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Tension is based on air weight.
Neutral point: 8,307 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 12,876 ft
Next mud weight: 10.500 ppg
Next setting BHP: 7,023 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 9,800 ft
Injection pressure: 9,800 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9800	7.625	29.70	P-110	LT&C	9800	9800	6.75	113901

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4684	5350	1.142	6347	9470	1.49	291.1	769	2.64 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 9, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 9800 ft, a mud weight of 10.2 ppg. An internal gradient of .052 psi/ft was used for collapse from TD. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43047522270000 FD 15-7-2-2cont		
Operator:	BILL BARRETT CORP		
String type:	Production Liner	Project ID:	43-047-52227
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 10.500 ppg
Internal fluid density: 1.000 ppg

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 254 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,000 ft

Cement top: 9,600 ft

Burst

Max anticipated surface pressure: 4,191 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 7,023 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Liner top: 9,600 ft

Non-directional string.

Tension is based on air weight.

Neutral point: 12,354 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3276	5.5	17.00	P-110	LT&C	12876	12876	4.767	21578
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6354	7480	1.177	7023	10640	1.51	55.7	445	7.99 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: February 9, 2012
Salt Lake City, Utah

Remarks:

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12876 ft, a mud weight of 10.5 ppg. An Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

BOPE REVIEW**Bill Barrett FD 15-7-2-2cont. API 43-047-52227-0000**

Well Name

Casing Size (")

Setting Depth (TVD)

Previous Shoe Setting Depth (TVD)

Max Mud Weight (ppg)

BOPE Proposed (psi)

Casing Internal Yield (psi)

Operators Max Anticipated Pressure (psi)

Bill Barrett FD 15-7-2-2cont. API 43-047-52227-0000			
String 1	String 2	String 3	
10 3/4	7 5/8	5 1/2	
3500	9800	12876	
80	3500	9800	
8.8	10.2	10.5	
500	5000	5000	
3580	9470	10640	
7030		10.5 ppg	

Calculations		String 1	10 3/4 "
Max BHP [psi]	.052*Setting Depth*MMW =	1602	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	1182	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	832	NO
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	849	NO
Required Casing/BOPE Test Pressure		2506 psi	<i>Not expected pressure</i>
*Max Pressure Allowed @ Previous Casing Shoe =		80 psi	*Assumes 1psi/ft frac gradient

Calculations		String 2	7 5/8 "
Max BHP [psi]	.052*Setting Depth*MMW =	5198	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	4022	YES
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	3042	YES <i>OK</i>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	3812	NO <i>OK</i>
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		3500 psi	*Assumes 1psi/ft frac gradient

Calculations		String 3	5 1/2 "
Max BHP [psi]	.052*Setting Depth*MMW =	7030	BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) [psi]	Max BHP-(0.12*Setting Depth) =	5485	NO
MASP (Gas/Mud) [psi]	Max BHP-(0.22*Setting Depth) =	4198	YES <i>OK</i>
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth) =	6354	*Can Full Expected Pressure Be Held At Previous Shoe?
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		9470 psi	*Assumes 1psi/ft frac gradient

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 15-7-2-2
API Number 43047522270000 **APD No** 4997 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSE Sec 7 Tw 2.0S Rng 2.0E 660 FSL 1980 FEL
GPS Coord (UTM) 601154 4463557 **Surface Owner** Glenn & Shirley Huber

Participants

Cody Rich (UELS), Don Hamilton (Starpoint), Matt Wold (BBC), Chris Jensen (DOGM), Terra Miller (Encore land Services), Jeff White (BBC)

Regional/Local Setting & Topography

This location sits just over 1 mile north of Gusher, Utah on a large flat bench. The bench is large but dips off to the north west and east where it is surrounded on these sides by the Moffot Canal and the Ouray Park Canal. Drainage from this site is gradual to the north toward the Moffott Canal. Lapoint, Utah is approximately 6 miles to the north.

Surface Use Plan

Current Surface Use
Grazing

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.06	Width 305 Length 400	Onsite	UNTA

Ancillary Facilities Y

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Deer, coyote, rabbits and other small mammals, song birds, raptors
Sage, grasses, prickly pear, grasses

Soil Type and Characteristics

Fairly deep red sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? N**Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N****Reserve Pit**

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		25 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is 205ft by 100ft by 8ft deep. It is placed in a cut stable location. Bill Barrett typically uses a 20 mil liner and this will be adequate for this site.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y**Other Observations / Comments**

Richard Powell
Evaluator

12/8/2011
Date / Time

Application for Permit to Drill

Statement of Basis

2/16/2012

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4997	43047522270000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	Glenn & Shirley Huber	
Well Name	FD 15-7-2-2		Unit		
Field	UNDESIGNATED		Type of Work	DRILL	
Location	SWSE 7 2S 2E U 660 FSL 1980 FEL GPS Coord (UTM) 601086E 4463768N				

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 3,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 5,200'. A search of Division of Water Rights records shows 10 water wells within a 10,000 foot radius of the center of Section 7. These wells range in depth from 36-500 feet. Listed uses are domestic, irrigation and stock watering. The wells probably produce water from near-surface alluvium and the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

 Brad Hill
APD Evaluator

 12/19/2011
Date / Time
Surface Statement of Basis

This location is on fee land with fee minerals. The surface owner Glenn Huber was invited and intended to attend the onsite inspection but at the time of the inspection he called and stated he was sick and would not attend. No special requests were made and a surface use agreement is in place. This appears to be a good site for placement of this well. Bill Barrett representative Jeff Wold stated that a 20 mil liner will be used and this appears adequate for this site.

 Richard Powell
Onsite Evaluator

 12/8/2011
Date / Time
Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/30/2011

API NO. ASSIGNED: 43047522270000

WELL NAME: FD 15-7-2-2

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8172

CONTACT: Venessa Langmacher

PROPOSED LOCATION: SWSE 07 020S 020E

Permit Tech Review: ☒

SURFACE: 0660 FSL 1980 FEL

Engineering Review: ☒

BOTTOM: 0660 FSL 1980 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.31832

LONGITUDE: -109.81024

UTM SURF EASTINGS: 601086.00

NORTHINGS: 4463768.00

FIELD NAME: UNDESIGNATED

LEASE TYPE: 4 - Fee

LEASE NUMBER: Fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - LPM4138148☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 43-180☐ RDCC Review:☒ Fee Surface Agreement☒ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 139-42

Effective Date: 4/12/1985

Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 3 - Commingle - ddoucet
5 - Statement of Basis - bhill

RECEIVED: February 16, 2012



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 15-7-2-2

API Well Number: 43047522270000

Lease Number: Fee

Surface Owner: FEE (PRIVATE)

Approval Date: 2/16/2012

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Commingling:

In accordance with Board Cause No. 139-42, commingling of the production from the Lower Green River formation and the Wasatch formation in this well is allowed.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan contact Dustin Doucet
- Significant plug back of the well contact Dustin Doucet
- Plug and abandonment of the well contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) due within 5 days of spudding the well
- Monthly Status Report (Form 9) due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) due prior to implementation
- Written Notice of Emergency Changes (Form 9) due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) due prior to implementation
- Report of Water Encountered (Form 7) due within 30 days after completion
- Well Completion Report (Form 8) due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 10/30/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 BBC is submitting this sundry to request permission to change the casing and cementing program for this well. TD will remain the same as original permitted. Please see the attached revised drilling plan and cement calculator and contact Brady Riley at 303-312-8115 with any questions in regard to the proposed change.

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/25/2012	

DRILLING PLAN - REVISED

BILL BARRETT CORPORATION

FD #15-7-2-2SW SE, 660' FSL and 1980' FEL, Section 7, T2S - R2E, USB&M
Duchesne County, UT**1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals**

<u>Formation</u>	<u>Depth</u>
Green River	5,931'
Mahogany	6,821'
Lower Green River*	8,116'
Douglas Creek	8,266'
Black Shale	8,661'
Castle Peak	8,796'
Wasatch*	9,876'
TD	12,876'

*PROSPECTIVE PAY

Members of the Wasatch and the Lower Green River are primary objectives for oil/gas.

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 80'	No pressure control required
80' - 3500'	13-5/8" diverter plumbed through the rigs manifold
3,500' – TD	11" 5000# Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 5,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
<u>(FROM)</u>	<u>(TO)</u>						
26"	Surface	80'	16"	65#			
12 1/4"	Surface	3,500'	9-5/8"	36#	J 55	ST&C	New
8-3/4"	Surface	TD	5 1/2"	17#	P-110	LT&C	New

Bill Barrett Corporation
Drilling Program
FD #15-7-2-2
Duchesne County, Utah

5. Cementing Program

<u>Casing</u>	<u>Cement</u>
16" Conductor Casing	Grout
12-1/4" hole for 9-5/8" Surface Casing	<p><i>Lead</i> with approximately 540 sx Halliburton Light Premium with additives mixed at 11.0 ppg (yield = 3.16 ft³/sx) circulated to surface with 75% excess. Planned top of lead cement at surface.</p> <p><i>Tail</i> with approximately 210 sx Halliburton Premium cement with additives mixed at 14.8 ppg (yield = 1.36 ft³/sx). Calculated hole volume with 75% excess. Planned top of tail cement at 3,000'.</p>
8-3/4 hole for 5 1/2" Production Casing.	<p><i>Lead</i> with approximately 850 sx Tuned Light cement with additives mixed at 11.0 ppg (yield = 2.31 ft³/sx). Planned top of lead cement at 3,000'</p> <p><i>Tail</i> with approximately 1270 sx Halliburton Econocem cement with additives mixed at 13.5 ppg (yield = 1.42 ft³/sx). Planned top of tail cement at 8,161'.</p>
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.	

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 80'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
80' – 3,000'	8.3 – 8.8	26 – 36	NC	Freshwater Spud Mud Fluid System
3,000' – TD	8.6 – 10.5	42 – 52	20 cc or less	DAP Polymer Fluid System
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.
NOTE: If BBC pursues the "Alternate" program, a suite of the above logs will be run on both the intermediate and production hole sections.	

Bill Barrett Corporation
Drilling Program
FD #15-7-2-2
Duchesne County, Utah

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 7030 psi* and maximum anticipated surface pressure equals approximately 4198 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be trucked from the Duchesne City Culinary Water Dock located in Sec. 1, T4S, R5W.

11. Drilling Schedule

Location Construction:	January 2012
Spud:	January 2012
Duration:	15 days drilling time
	45 days completion time



Bill Barrett Corporation

LAKE CANYON & BLACK TAIL RIDGE CEMENT VOLUMES

Well Name: [FD 15-7-2-2](#)

Surface Hole Data:

Total Depth:	3,500'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

Calculated Data:

Lead Volume:	1644.2	ft ³
Lead Fill:	3,000'	
Tail Volume:	274.0	ft ³
Tail Fill:	500'	

Cement Data:

Lead Yield:	3.16	ft ³ /sk
% Excess:	75%	
Top of Lead:	0'	

Calculated # of Sacks:

# SK's Lead:	540
--------------	-----

Tail Yield:	1.36	ft ³ /sk
% Excess:	75%	
Top of Tail:	3,000'	

# SK's Tail:	210
--------------	-----

Production Hole Data:

Total Depth:	12,876'
Top of Cement:	3,000'
Top of Tail:	8,161'
OD of Hole:	8.750"
OD of Casing:	5.500"

Calculated Data:

Lead Volume:	1955.5	ft ³
Lead Fill:	5,161'	
Tail Volume:	1786.6	ft ³
Tail Fill:	4,715'	

Cement Data:

Lead Yield:	2.31	ft ³ /sk
Tail Yield:	1.42	ft ³ /sk
% Excess:	50%	

Calculated # of Sacks:

# SK's Lead:	850
# SK's Tail:	1270

FD 15-7-2-2 Proposed Cementing Program

<u>Job Recommendation</u>	<u>Surface Casing</u>
Lead Cement - (3000' - 0')	
Halliburton Light Premium	Fluid Weight: 11.0 lbm/gal
5.0 lbm/sk Silicalite Compacted	Slurry Yield: 3.16 ft ³ /sk
0.25 lbm/sk Kwik Seal	Total Mixing Fluid: 19.48 Gal/sk
0.125 lbm/sk Poly-E-Flake	Top of Fluid: 0'
2.0% Bentonite	Calculated Fill: 3,000'
	Volume: 292.83 bbl
	Proposed Sacks: 540 sks
Tail Cement - (TD - 3000')	
Premium Cement	Fluid Weight: 14.8 lbm/gal
2.0% Calcium Chloride	Slurry Yield: 1.36 ft ³ /sk
	Total Mixing Fluid: 6.37 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 500'
	Volume: 48.80 bbl
	Proposed Sacks: 210 sks

<u>Job Recommendation</u>	<u>Production Casing</u>
Lead Cement - (8161' - 3000')	
Tuned Light™ System	Fluid Weight: 11.0 lbm/gal
	Slurry Yield: 2.31 ft ³ /sk
	Total Mixing Fluid: 10.65 Gal/sk
	Top of Fluid: 3,000'
	Calculated Fill: 5,161'
	Volume: 348.25 bbl
	Proposed Sacks: 850 sks
Tail Cement - (12876' - 8161')	
Econocem™ System	Fluid Weight: 13.5 lbm/gal
0.125 lbm/sk Poly-E-Flake	Slurry Yield: 1.42 ft ³ /sk
1.0 lbm/sk Granulite TR 1/4	Total Mixing Fluid: 6.61 Gal/sk
	Top of Fluid: 8,161'
	Calculated Fill: 4,715'
	Volume: 318.19 bbl
	Proposed Sacks: 1270 sks

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 10/31/2012	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This well was spud on 10/31/2012 at 8 am by Triple A Drilling.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

FOR RECORD ONLY

November 01, 2012

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 10/31/2012	

Carol Daniels - Spud Notice: FD 15-7-2-2

*T OAS ROSE S-07 4304952127
FEE lease*

From: Brady Riley <briley@billbarrettcorp.com>
To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "dennisingram@utah.g...
Date: 10/29/2012 3:55 PM
Subject: Spud Notice: FD 15-7-2-2
CC: Tracey Fallang <tfallang@billbarrettcorp.com>, Brent Murphy <BMurphy@bil...

All,

Please take this as notice that Triple A Drilling plans to spud the **FD 15-7-2-2** on Wednesday, October 31st, 2012 at 8:00 am.

Thanks,

Brady Riley

BILL BARRETT CORPORATION

1099 18th Street | Suite 2300

Denver, CO 80202

D 303.312.8115

C 720.402.7541

F 303.291.0420

briley@billbarrettcorp.com

www.billbarrettcorp.com



Bill Barrett Corporation

RECEIVED

OCT 30 2012

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Bill Barrett Corporation Operator Account Number: N 2165
Address: 1099 18th Street, Suite 2300
city Denver
state CO zip 80202 Phone Number: (303) 312-8115

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752227	FD 15-7-2-2		SWSE	7	2S	2E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	<u>new</u>	<u>18797</u>	10/31/2012		<u>11/8/2012</u>		
Comments: Spudding Operation was conducted by Triple A Drilling @ 8:00 am. <u>GR-WS</u>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A** - Establish new entity for new well (single well only)
- B** - Add new well to existing entity (group or unit well)
- C** - Re-assign well from one existing entity to another existing entity
- D** - Re-assign well from one existing entity to a new entity
- E** - Other (Explain in 'comments' section)

OCT 31 2012

Brady Riley

Name (Please Print)

Brady Riley

Signature

Permit Analyst

Title

10/31/2012

Date

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/19/2012	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"><input type="checkbox"/> ACIDIZE</div> <div style="width: 33%;"><input type="checkbox"/> ALTER CASING</div> <div style="width: 33%;"><input type="checkbox"/> CASING REPAIR</div> <div style="width: 33%;"><input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE TUBING</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL NAME</div> <div style="width: 33%;"><input type="checkbox"/> CHANGE WELL STATUS</div> <div style="width: 33%;"><input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS</div> <div style="width: 33%;"><input type="checkbox"/> CONVERT WELL TYPE</div> <div style="width: 33%;"><input type="checkbox"/> DEEPEN</div> <div style="width: 33%;"><input type="checkbox"/> FRACTURE TREAT</div> <div style="width: 33%;"><input type="checkbox"/> NEW CONSTRUCTION</div> <div style="width: 33%;"><input type="checkbox"/> OPERATOR CHANGE</div> <div style="width: 33%;"><input type="checkbox"/> PLUG AND ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> PLUG BACK</div> <div style="width: 33%;"><input type="checkbox"/> PRODUCTION START OR RESUME</div> <div style="width: 33%;"><input type="checkbox"/> RECLAMATION OF WELL SITE</div> <div style="width: 33%;"><input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> REPERFORATE CURRENT FORMATION</div> <div style="width: 33%;"><input type="checkbox"/> SIDETRACK TO REPAIR WELL</div> <div style="width: 33%;"><input type="checkbox"/> TEMPORARY ABANDON</div> <div style="width: 33%;"><input type="checkbox"/> TUBING REPAIR</div> <div style="width: 33%;"><input type="checkbox"/> VENT OR FLARE</div> <div style="width: 33%;"><input type="checkbox"/> WATER DISPOSAL</div> <div style="width: 33%;"><input type="checkbox"/> WATER SHUTOFF</div> <div style="width: 33%;"><input type="checkbox"/> SI TA STATUS EXTENSION</div> <div style="width: 33%;"><input type="checkbox"/> WILDCAT WELL DETERMINATION</div> <div style="width: 33%;"><input type="checkbox"/> OTHER</div> </div>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	
<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	
OTHER: <input style="width: 100%;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC plans to run 7" intermediate casing to this well due to severe lost circulation from 6000' to 7700' and elevated mud weights of 10.5 ppg at 9625'. Drilling is just above the top of the Wasatch and proposed TD is 12,900'. Openhole logs were not attempted, we will run cased hole logs during the completion. Offset wells in the area reached TD with mud weights less than 10.5 ppg. Attached is a wellbore schematic for what has been done so far and what is proposed for the 7" intermediate and 5" liner.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: November 19, 2012

By: *Derek Duff*

NAME (PLEASE PRINT) Venessa Langmacher	PHONE NUMBER 303 312-8172	TITLE Senior Permit Analyst
SIGNATURE N/A	DATE 11/19/2012	

Date: 11/19/2012

FD 15-7-2-2

Proposed DVT @
7000'Current
MW 10.5 ppgAnticipated MW
< 11.0 ppgProposed
TD
± 12900'Set 9 5/8" 36# J55 STC
@ 3521

Cmt'd with:

600 sx HLC Premium

11 ppg

240 sx Type III

14.8 ppg

Circ 170 bbls
cmt to
surf.Proposed
7" 26# P110 LTC @ ± 9620'

1st Stage:

Lead 165 sx 12.5 ppg

Tail 145 sx 13.5 ppg

2nd Stage:

Lead: 700 sx 12.5 ppg

Tail: 100 sx 15.8 ppg

Proposed
5" 18# P110 Ultra FI
LinerPlan to cement
with 300 sx 15.8 ppg
Cement (HALCEM)



Intermediate Casing Notice for FD 15-7-2-2

POSS ROSE S-07

430475927

HP 319 <hp319@bbccontractors.com>

Mon, Nov 19, 2012 at 1:03 AM

To: "caroldaniels@utah.gov" <caroldaniels@utah.gov>, "richardpowell@utah.gov" <richardpowell@utah.gov>, "chrisjensen@utah.gov" <chrisjensen@utah.gov>

Cc: Tracey Fallang <tfallang@billbarrettcorp.com>, Venessa Langmacher <vangmacher@billbarrettcorp.com>, Brent Murphy <BMurphy@billbarrettcorp.com>

Ladies & Gentlemen:

Please be advised that Bill Barrett Corp on H&P 319 will be running and cementing 7" intermediate casing beginning approximately 12:00 hrs, 11/19/12. Following that we will be testing the BOP.

Regards,
Glenn Randel
BBC Rep
H&P 319

 **Interm Notification.pdf**
436K

RECEIVED

NOV 19 2012

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 15-7-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047522270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 12/3/2012	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

November 2012 monthly drilling activity report is attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 December 03, 2012

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 12/3/2012

**FD 15-7-2-2 11/6/2012 20:00 - 11/7/2012 06:00**

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
20:00	10.00	06:00	1	RIGUP & TEARDOWN	WO DAY LIGHT

FD 15-7-2-2 11/7/2012 06:00 - 11/8/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.00	18:00	1	RIGUP & TEARDOWN	RIG DN, MOVE RIG UP, BACK YARD SET. SUB STACK TO CENTER STEEL.
18:00	12.00	06:00	1	RIGUP & TEARDOWN	WO DAYLIGHT

FD 15-7-2-2 11/8/2012 06:00 - 11/9/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	18.00	00:00	1	RIGUP & TEARDOWN	RIG UP, RAISE DERRICK, 11:00 RELEASE TRUCKS AND CRANES 14:00 HR, RIG UP ROTARY TOOLS.
00:00	2.50	02:30	14	NIPPLE UP B.O.P	NIPPLE UP CONDUCTOR AND ROTATING HEAD
02:30	1.50	04:00	6	TRIPS	PICK UP BHA
04:00	2.00	06:00	2	DRILL ACTUAL	DRLG 12 1/4" HOLE F/ 104' TO 240' @ 68 FPH ROTATING. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 FIXED 8.26 BTB.

FD 15-7-2-2 11/9/2012 06:00 - 11/10/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	2	DRILL ACTUAL	DRLG 12 1/4" HOLE F/ 240 TO 327' @ 87 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 FIXED 8.26 BTB. INSTALL ROTATING HEAD.
07:00	0.50	07:30	7	LUBRICATE RIG	RIG SERVICE FIX SAVER SUB CLAMP
07:30	10.50	18:00	2	DRILL ACTUAL	DRLG F/ 327' TO 1917' (1590' IN 10.5 HR = 151.4 FPH) SLIDE: 8' IN .25 HR = 32 FPH, ROTATE: 1582' IN 10.25 HR = 154.45 FPH.
18:00	0.50	18:30	21	OPEN	CHANGE POP OFF ON #1 PUMP.
18:30	11.50	06:00	2	DRILL ACTUAL	DRLG F/ 1917' TO 3174' (1257' IN 11.5 HR = 109.3 FPH) SLIDE: 8' IN .25 HR = 32 FPH, ROTATE: 1249' IN 11.25 HR = 111 FPH.

FD 15-7-2-2 11/10/2012 06:00 - 11/11/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.50	09:30	2	DRILL ACTUAL	DRLG 12 1/4" HOLE F/ 3174' TO 3526' (352' IN 3.5 HR = 100.6 FPH), SLIDE: 8' IN .25 HR = 32 FPH, ROTATE: 344' IN 3.25 HR = 105.8 FPH. MM 8" HUNTING 7/8 LOBE 3.4 STAGE .09 GPR 1.5 FIXED 8.26 BTB
09:30	0.50	10:00	5	COND MUD & CIRC	CIRC COND F/ CASING
10:00	1.75	11:45	6	TRIPS	SHORT TRIP TO DCS.
11:45	1.25	13:00	5	COND MUD & CIRC	CIRC. LARGE AMOUNT OF RUBBLE COMING OVER SHAKERS
13:00	0.75	13:45	6	TRIPS	SHORT TRIP 12 STDS
13:45	1.00	14:45	5	COND MUD & CIRC	CIRC.
14:45	2.25	17:00	6	TRIPS	TOOH L/D 8" TOOLS
17:00	4.25	21:15	12	RUN CASING & CEMENT	HSM RIGUP WEATHERFORD AND RUN CASING. FS (1.00), SHOE JT (44.00), FC (1.00), 79 JT 95/8" 36# J55 ST&C CASING (3478.77). MADE UP W/ BESTOLIFE DOPE TO 3940 FT/LB. LANDE @ 3521'.
21:15	0.75	22:00	5	COND MUD & CIRC	CIRC. CASING W/ RIG PUMP @ 0 BL/MIN
22:00	2.50	00:30	12	RUN CASING & CEMENT	HSM, SWAP TO HES AND CEMENT 20 BLS H2O, 40 BNLS SUPER FLUSH, 20 BLS H2O, 600 SKS HLC PREMIUM 11# 3.16 YEILD W/ 5 LB SILICALITE, .125 LB POLY-E-FLAKE, .25 KWIK SEAL. TAILED W/ 240 SKS PREMIUM TYPE III 14.8# 1.33 YEILD W/ .125 LB POLY-E-FLAKE, DISPLACED W/ 269 BL H2O. BUMP PLUG FLOATS HELD. GOT 170 BLS CEMENT TO SURFACE.
00:30	0.50	01:00	14	NIPPLE UP B.O.P	TEST CASING TO 1500# F/ 30 MINS

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
01:00	3.50	04:30	13	WAIT ON CEMENT	WOC.
04:30	1.50	06:00	14	NIPPLE UP B.O.P	CUT OFF CONDUCTOR WELD ON WELL HEAD.

FD 15-7-2-2 11/11/2012 06:00 - 11/12/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	14	NIPPLE UP B.O.P	WELD ONWELL HED AND TESD TO 1000 PSI
08:00	2.00	10:00	14	NIPPLE UP B.O.P	NIPPLE UP BOP
10:00	3.00	13:00	15	TEST B.O.P	TEST BOP, TEST ALL RAMS AND VAVLES TO 500# F/ 10 MINS, ANNULAR TO 2500# F/ 10 MINS
13:00	0.50	13:30	14	NIPPLE UP B.O.P	SET WEAR BUSHING
13:30	0.50	14:00	7	LUBRICATE RIG	RIG SERVICE X/O IBOP ACUATOR.
14:00	2.75	16:45	6	TRIPS	PICK UP BHA, OREINTATE MWD, TIH,
16:45	0.75	17:30	21	OPEN	DRILL OUT SHOE TRACK TO 3535'
17:30	0.50	18:00	21	OPEN	EMW 275PSI W/ 9.0# MUD = 10.5#
18:00	12.00	06:00	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 3526' TO 5131" (1605' IN 12 HR = 133.8 FPH) SIDE: 20' IN .5 HR = 40 FPH, ROTATE: 1585' IN 11.5 HR = 137.8 FPH. MM 6 3/4" SPERRY DRILL 7/8 LOBE 2.9 STAGE .17 GPR 1.5 FIXED BEND 4.9' BTB.

FD 15-7-2-2 11/12/2012 06:00 - 11/13/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	9.25	15:15	2	DRILL ACTUAL	DRLG 8 3/4" HOLE F/ 5131 TO 5850' (719' IN 9.25 HR = 77.7 FPH) SLIDE: 20' I IN 2.25 HR = 8.9 FPH, ROTATE: 699' IN 7 HR = 99.9 FPH. MM 6 3/4" SPERRY DRILL 7/8 LOBE 2.9 STAGE .17 GPR 1.5 FIXED BEND 4.9' BTB.
15:15	0.50	15:45	7	LUBRICATE RIG	RIG SERVICE
15:45	0.25	16:00	2	DRILL ACTUAL	DRLGF/ 5850 TO 5870 @ 80 FPH ROTATING
16:00	0.50	16:30	5	COND MUD & CIRC	CIRC. MIX DRY SLUG
16:30	5.00	21:30	6	TRIPS	TRIP F/ BIT #3 WASH 300' TO BOTTOM
21:30	8.50	06:00	2	DRILL ACTUAL	DRLG F/ 5870' TO 6325' (365' IN 8.5 HR = 42.9 FPH) SLIDE: 18' IN 1.5 HR = 12 FPH, ROTATE: 347' IN 7 HR = 49.6 FPH.

FD 15-7-2-2 11/13/2012 06:00 - 11/14/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.50	06:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6325-6335'. ROP 20 FPH.
06:30	5.50	12:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6335-6701'. ROP 66.5 FPH.
12:00	0.75	12:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 6701-6709'. ROP 10.7 FPH.
12:45	2.75	15:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6709-6890'. ROP 65.8 FPH.
15:30	0.50	16:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
16:00	14.00	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 6890-7780'. ROP 63.6 FPH.

FD 15-7-2-2 11/14/2012 06:00 - 11/15/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.75	20:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 7780-8587'. ROP 54.7 FPH. INCREASE MW TO 9.4 PPG DUE TO SPLINTER CAVINGS & HIGH BGG THEN TO 9.6 PPG DUE TO HIGH BGG. LOSING MUD INTERMITTENTLY FROM 7760'. LOSSES INCREASING. BYPASSED SHAKERS & ADDED 15% LCM TO SYSTEM AT 18:00 HRS, 8377'. HELD BOP DRILLS @ 16:00 & 18:30 HRS.
20:45	0.75	21:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8587-8595'. ROP 10.7 FPH.
21:30	1.00	22:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8595-8681'. ROP 86 FPH.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
22:30	0.50	23:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:00	0.75	23:45	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8681-8691'. ROP 13.3 FPH.
23:45	1.75	01:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8691-8776'. ROP 48.5 FPH.
01:30	1.00	02:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8776-8786'. ROP 10 FPH.
02:30	1.75	04:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8786-8870'. ROP 48 FPH.
04:15	1.00	05:15	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8870-8880'. ROP 10 FPH.
05:15	0.75	06:00	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8880-8925'. ROP 53.3 FPH.

FD 15-7-2-2 11/15/2012 06:00 - 11/16/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8920-8965'. ROP 60 FPH.
06:45	0.75	07:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 8965-8975'. ROP 13.3 FPH.
07:30	9.00	16:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 8975-9342'. ROP 40.8 FPH. AT 9158', BGG INCREASED FROM ~400 U TO 6000+ U. INCREASE MW FROM 9.6 TO 9.8 PPG.
16:30	1.00	17:30	2	DRILL ACTUAL	SLIDE DRILL 8 3/4 HOLE 9342-9348'. ROP 6 FPH.
17:30	5.00	22:30	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9348-9530'. ROP 36.4 FPH.
22:30	0.50	23:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:00	3.25	02:15	2	DRILL ACTUAL	ROTATE DRILL 8 3/4 HOLE 9530-9625'. ROP 29.2 FPH.
02:15	0.25	02:30	21	OPEN	FLOW CHECK POSITIVE.
02:30	2.00	04:30	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 9.9 PPG.
04:30	0.25	04:45	21	OPEN	FLOW CHECK POSITIVE.
04:45	1.25	06:00	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 10.1 PPG.

FD 15-7-2-2 11/16/2012 06:00 - 11/17/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 10.1 PPG & LCM TO 25%.
09:00	0.25	09:15	21	OPEN	FLOW CHECK POSITIVE.
09:15	3.75	13:00	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 10.3 PPG.
13:00	0.25	13:15	21	OPEN	FLOW CHECK NEGATIVE.
13:15	1.50	14:45	8	REPAIR RIG	CIRCULATE SLOWLY & CLEAN OUT SLUG TANK SUCTION.
14:45	1.25	16:00	6	TRIPS	PUMP SLUG & POH @ 90 FPM & 50 FPM TO 7200'. HOLE NOT TAKING ANY MUD.
16:00	0.25	16:15	21	OPEN	FLOW CHECK POSITIVE.
16:15	1.25	17:30	6	TRIPS	RIH BACK TO BOTTOM.
17:30	4.50	22:00	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 10.7 PPG MAINTAINING 25-30% LCM.
22:00	0.25	22:15	21	OPEN	FLOW CHECK POSITIVE.
22:15	7.25	05:30	5	COND MUD & CIRC	CIRCULATE & INCREASE MW TO 11 PPG. RETURNS DECREASING AFTER FLOW CHECK. CIRCULATE ACROSS BOP & CONDITION MUD TANKS TO 10.8 & 30% LCM.
05:30	0.25	05:45	21	OPEN	FLOW CHECK, NO FLOW.
05:45	0.25	06:00	5	COND MUD & CIRC	CIRCULATE DOWNHOLE AT 360 GPM. NO RETURNS.

FD 15-7-2-2 11/17/2012 06:00 - 11/18/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	6	TRIPS	RIG UP MUD BUCKET & POH WET TO 8965'.
07:00	0.50	07:30	7	LUBRICATE RIG	ROUTING RIG SERVICE & REPAIR ST-80.
07:30	1.00	08:30	6	TRIPS	POH WET TO 7500'.
08:30	1.00	09:30	5	COND MUD & CIRC	ATTEMPT TO REGAIN CIRCULATION. SOME RETURNS, BUT NOT NEARLY FULL.
09:30	0.50	10:00	6	TRIPS	POH TO 6900'.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:00	0.75	10:45	5	COND MUD & CIRC	ATTEMPT TO REGAIN CIRCULATION. ONCE AGAIN SOME RETURNS, BUT NOT FULL.
10:45	0.75	11:30	21	OPEN	FLOW CHECK. WELL FLOWING, BUT SLOWING DOWN.
11:30	1.50	13:00	6	TRIPS	POH TO 5850'.
13:00	1.25	14:15	5	COND MUD & CIRC	CIRCULATE/COND MW TO 10.5 & 25%. GOOD RETURNS.
14:15	1.25	15:30	3	REAMING	WASH/REAM 5850-6230'. TOUGH REAMING.
15:30	1.25	16:45	5	COND MUD & CIRC	CIRCULATE/COND MW TO 10.5 & 25%.
16:45	10.75	03:30	3	REAMING	WASH/REAM 6230-6702'. HIGH TORQUE 6300-6700'.
03:30	0.50	04:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP.
04:00	2.00	06:00	3	REAMING	WASH/REAM 6702-6796'. #1 PUMP DOWN. HIGH TORQUE.

FD 15-7-2-2 11/18/2012 06:00 - 11/19/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.25	07:15	3	REAMING	WASH/REAM 6796-7267'. BGG 1200-7000 U.
07:15	0.75	08:00	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 5400-7300 U.
08:00	0.50	08:30	3	REAMING	WASH/REAM 7267-7644'. BGG 4000-6600 U.
08:30	0.75	09:15	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 2300-6100 U.
09:15	1.00	10:15	3	REAMING	WASH/REAM 7644-8021'. BGG 4000-6000 U.
10:15	0.50	10:45	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 4500-7600 U.
10:45	1.25	12:00	3	REAMING	WASH/REAM 8021-8398'. BGG 5300-7600 U.
12:00	0.75	12:45	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 4600-7500 U.
12:45	1.00	13:45	3	REAMING	WASH/REAM 8398-8776'. BGG 6600 U.
13:45	1.00	14:45	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 4800-7800 U.
14:45	0.75	15:30	3	REAMING	WASH/REAM 8776-9153'. BGG 4200-5800 U.
					7" CASING STARTED ARRIVING. BACKLOADING 81 JTS 5 1/2 TO BUNNING YARD & 230 JTS TO PATTERSON 506.
15:30	1.00	16:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 6300-7000 U.
					DRIFT, CLEAN & STRAP 7" CASING.
16:30	1.25	17:45	3	REAMING	WASH/REAM 9153-9436'. BGG 6700-7200 U.
					NOTE THAT THE MUD HAS GAINED 1% OIL WHILE REAMING BACK TO BOTTOM.
17:45	0.75	18:30	5	COND MUD & CIRC	CIRCULATE BOTTOMS UP. BGG 5600-7300 U.
18:30	1.50	20:00	3	REAMING	WASH/REAM 9436-9625'. BGG 500-5800 U.
20:00	2.00	22:00	5	COND MUD & CIRC	CIRCULATE W/REDUCED PUMP & REDUCE MW TO 10.4 PPG & BUILD MUD VOLUME. BOTTOMS UP GAS 6000 U.
22:00	2.50	00:30	5	COND MUD & CIRC	PUMP 50 BBL SUPER SWEEP PILL & CIRCULATE 1 1/2 BOTTOMS UP.
					CLEANING/DRIFTING 7" CASING..
00:30	0.25	00:45	21	OPEN	FLOW CHECK POSITIVE.
00:45	0.75	01:30	5	COND MUD & CIRC	SPOT 100 BBL 13 PPG KILL PILL 9530-8130'.
01:30	0.50	02:00	21	OPEN	FLOW CHECK NEGATIVE.
02:00	2.00	04:00	6	TRIPS	POH STANDING BACK AT 30 FPM TO 8116'.
04:00	0.25	04:15	21	OPEN	FLOW CHECK NEGATIVE.
04:15	1.75	06:00	6	TRIPS	POH LAYING DOWN DP TO 6655'.

FD 15-7-2-2 11/19/2012 06:00 - 11/20/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	7.25	13:15	6	TRIPS	POH LAYING DOWN DP STRING PLUGGED AT 07:30 HRS. ATTEMPTED TO UNPLUG STRING W/O SUCCESS. POH WET.
13:15	0.75	14:00	6	TRIPS	RIH W/16 STANDS IN MAST.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
14:00	4.00	18:00	6	TRIPS	LAY DOWN 16 STANDS DP & BHA. PLUG IN & ABOVE MOTOR. BIT NOT PLUGGED. BIT COND: 3-8-BT-S-X-I-WT-PR.
18:00	0.50	18:30	12	RUN CASING & CEMENT	PULL WEAR BUSHING & CLEAN UP RIG FLOOR FROM WET TRIP. RIG UP CRT & INSTALL HYDRAULIC SLIPS.
18:30	10.25	04:45	12	RUN CASING & CEMENT	HELD PJSM. MAKE UP & THREADLOCK 2 JT SHOE TRACK. CIRCULATE THRU SHOE TRACK. RUN 11 JTS 7" CASING, FILLING EVERY 5 JTS. FLOAT COLLAR PLUGGED OFF W/LCM & BROKE LOOSE W/1375 PSI. COMMENCED SHAKING OUT LCM FROM SYSTEM SO ONLY CLEAN MUD IS PUMPED INTO CASING. UNTIL ALL LCM IS CLEANED FROM TANKS, FILL CASING EVERY 3-4 JTS & CIRCULATE 5 MIN. CONTINUE RUNNING CASING TO 4220' & FLOAT EQUIPMENT PLUGGED AGAIN. PRESSURED UP TO 2000 PSI TO UNPLUG. LCM NOW 3 TO 5%. DV COLLAR INSTALLED & THREADLOCKED W/TOP @ 6979'.
04:45	0.50	05:15	5	COND MUD & CIRC	CIRCULATE CASING CAPACITY.
05:15	0.75	06:00	12	RUN CASING & CEMENT	CONTINUE TO RUN TOTAL 97 JTS 7" CASING TO 4403'. FILL & CIRCULATE CASING FOR 5 MIN EVERY 4 JTS DUE TO PLUGGING PROBLEM. LCM 3 TO 5%.

FD 15-7-2-2 11/20/2012 06:00 - 11/21/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	8.00	14:00	12	RUN CASING & CEMENT	RUN TOTAL OF 212 JTS 7" CASING. FILL CASING & CIRCULATE 5 MIN EVERY 4 JTS TO PREVENT PLUGGING. AT 6540-7190', CIRCULATING EACH JT DOWN DUE TO TIGHT HOLE. TAKING UP TO 70K TO PUSH THRU. WASH DOWN CASING THRU KILL PILL FROM 8036'. NO GOOD RETURNS SINCE 7000'.
14:00	0.50	14:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE & REPLACE CUP ON CRT.
14:30	1.00	15:30	12	RUN CASING & CEMENT	FINISH RUNNING CASING.
15:30	0.50	16:00	12	RUN CASING & CEMENT	CIRCULATE/RECIPROCATATE CASING. NO RETURNS.
16:00	0.50	16:30	12	RUN CASING & CEMENT	LAND CASING W/SHOE @ 9615', FLOAT COLLAR @ 9522' & DV COLLAR @ 6979'. HELD PJSM & INSTALL HOWCO CEMENT HEAD & LINE.
16:30	1.50	18:00	12	RUN CASING & CEMENT	FIRST STAGE: HOWCO PUMPED 3 BBL WATER & TEST LINE TO 5000 PSI. CEMENTED W/165 SX (58 BBL) EXTENDACEM + 3 PPS SILICALITE + 6% BENTONITE LEAD CEMENT @ 12.5 PPG FOLLOWED BY 145 SX (37 BBL) ECONOCEM TAIL CEMENT @ 13.5 PPG. DROPPED TOP PLUG & DISPLACED W/361 BBL 10.4 PPG MUD. BUMPED PLUG W/400 PSI OVER FDP, TOTAL PRESSURE 3200 PSI. BLED OFF 4 BBL & FLOATS HELD. CIP @ 17:49 HRS. NO RETURNS. OBSERVED GOOD PRESSURE RISE WHEN DISPLACING.
18:00	0.75	18:45	12	RUN CASING & CEMENT	DROP OPENING BOMB & LOAD CLOSING PLUG. WAIT ON BOMB TO LAND.
18:45	2.25	21:00	12	RUN CASING & CEMENT	PRESSURE UP W/HOWCO TO 1000 PSI & OPEN DV COLLAR. SWAP LINE TO RIG PUMP & ATTEMPT TO CIRCULATE THRU DV W/50 BBL @ 180 GPM. NO RETURNS. MUD LEVEL IN HOLE ~6' BELOW FLOWLINE. STOP PUMP & PUMP 10 BBL EVERY 1/2 HR.
21:00	1.75	22:45	12	RUN CASING & CEMENT	SECOND STAGE: PUMP 3 BBL WATER & TEST LINE TO 5000 PSI. PUMP 700 SX (64 BBL) EXTENDACEM + 3 PPS SILICALITE + 6% BENTONITE LEAD CEMENT @ 12.5 PPG FOLLOWED BY 100 SX (20.5 BBL) CLASS G NEAT @ 15.8 PPG. DROPPED CLOSING PLUG & DISPLACED W/261 BBL 10.4 PPG MUD. BUMPED PLUG & CLOSED DV W/2500 PSI. BLED OFF 1 1/2 BBL & DV HELD. CIP @ 22:28 HRS. NO RETURNS. OBSERVED ~200 PSI PRESSURE RISE WHEN DISPLACING.
22:45	0.50	23:15	12	RUN CASING & CEMENT	RIG DOWN HOWCO CEMENT HEAD & LINE. PREP FOR SET SLIPS.
23:15	0.75	00:00	14	NIPPLE UP B.O.P	BREAK & LIFT BOP OFF CASING HEAD.
00:00	2.00	02:00	14	NIPPLE UP B.O.P	TAKE 30K OVERPULL (270K INDICATOR WT), INSTALL CASING SLIPS. ROUGH CUT CASING & LAY DOWN CUT OFF. FINAL CUT CASING & INSTALL BIT GUIDE.
02:00	1.25	03:15	14	NIPPLE UP B.O.P	SET BOP DOWN & MAKE UP CASING HEAD FLANGE.
03:15	0.50	03:45	12	RUN CASING & CEMENT	RIG DOWN CRT.
03:45	0.50	04:15	14	NIPPLE UP B.O.P	CHANGE PIPE RAMS TO 3 1/2".

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
04:15	1.75	06:00	15	TEST B.O.P	COMMENCE TESTING BOP. PIPE RAMS, DOOR SEALS & CASING HEAD CONNECTION TO 250/5000 PSI FOR 10 MIN EACH TEST. UPPER PIPE RAM DOOR SEALS LEAKED, REPLACE SAME.

FD 15-7-2-2 11/21/2012 06:00 - 11/22/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	15	TEST B.O.P	RE-TEST UPPER PIPE RAMS & DOOR SEALS.
06:45	0.50	07:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
07:15	1.25	08:30	6	TRIPS	DRESS TOP DRIVE FOR 3 1/2 SLIMHOLE STRING.
08:30	1.75	10:15	6	TRIPS	STRAP BHA & DP & PREP TO PICK UP SLIMHOLE STRING.
10:15	9.25	19:30	6	TRIPS	MAKE UP ROTARY BHA TO DRILL OUT DV COLLAR & RIH PICKING UP 3 1/2 DP TO 6900'.
19:30	2.25	21:45	3	REAMING	WASH TO DV COLLAR @ 6980'. DRILL ON DV 6980-6981.7'. COULDN'T MAKE ANY MORE HOLE.
21:45	2.75	00:30	6	TRIPS	PUMP SLUG & POH.
00:30	2.00	02:30	6	TRIPS	PICK UP SPERRY TOOLS. & RIH TO 1533'.
02:30	2.75	05:15	6	TRIPS	MAKE UP REPEATER & RIH TO 6980'. FILL STRING AT 3000' & 6000'.
05:15	0.75	06:00	3	REAMING	DRILL OUT REST OF DV COLLAR. & REAM THRU TWICE.

FD 15-7-2-2 11/22/2012 06:00 - 11/23/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.25	06:15	15	TEST B.O.P	TEST DV COLLAR TO 2000 PSI FOR 10 MIN.
06:15	2.25	08:30	6	TRIPS	RIH PICKING UP 3 1/2 DP TO 8419'.
08:30	0.25	08:45	15	TEST B.O.P	TEST CASING TO 2000 PSI FOR 10 MIN WHILE STRAPPING MORE DP.
08:45	1.25	10:00	6	TRIPS	RIH PICKING UP DP TO 9457'. PULL TRIP NIPPLE & INSTALL ROTATING RUBBER.
10:00	2.00	12:00	3	REAMING	WASH TO FLOAT COLLAR @ 9517'. DRILL SHOE TRACK.
12:00	0.50	12:30	2	DRILL ACTUAL	WASH FROM SHOE TO TD & DRILL 6 1/8 HOLE 9625-9635'. ROP 20 FPH.
12:30	0.25	12:45	15	TEST B.O.P	PERFORM FIT TO 12.5 PPG EMW. MW 11 PPG, 750 PSI SURFACE PRESSURE.
12:45	1.75	14:30	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 9635-9682'. ROP 26.9 FPH.
14:30	0.50	15:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 9682-9689'. ROP 14 FPH.
15:00	3.00	18:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 9689-9777'. ROP 29.3 FPH.
18:00	1.00	19:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 9777-9787'. ROP FPH.
19:00	4.00	23:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 9787-9966'. ROP 44.8 FPH.
23:00	0.50	23:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
23:30	6.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 9966-10219'. ROP 38.9 FPH.

FD 15-7-2-2 11/23/2012 06:00 - 11/24/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	12.75	18:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 10219-10629'. ROP 32.2 FPH. REPLACED AUTO-CHOKE & ACTUATOR & RE-TESTED CHOKE MANIFOLD TO 250/5000 PSI FOR 5 MIN EACH TEST. ALL TESTED GOOD. OLD CHOKE WOULD NOT OPEN UNDER PRESSURE. NEW CHOKE WILL OPEN UNDER 3000 PSI.
18:45	0.50	19:15	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
19:15	10.75	06:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 10629-10925'. ROP 27.5 FPH. LAST SAMPLE 70% SS, 20% SHALE, 10% SHLY LS.

FD 15-7-2-2 11/24/2012 06:00 - 11/25/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	14.50	20:30	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 10925-11391'. ROP 32.1 FPH.
20:30	0.50	21:00	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
21:00	5.25	02:15	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 11391-11582'. ROP 36.4 FPH.
02:15	0.75	03:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 11582-11590'. ROP 10.7 FPH.
03:00	2.25	05:15	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 11590-11680'. ROP 40 FPH.
05:15	0.75	06:00	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 11680-11688'. ROP 10.7 FPH.

FD 15-7-2-2 11/25/2012 06:00 - 11/26/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.75	08:45	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 11688-11773'. ROP 30.9 FPH.
08:45	1.00	09:45	2	DRILL ACTUAL	SLIDE DRILL 6 1/8 HOLE 11773-11783'. ROP 10 FPH.
09:45	9.25	19:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 11783-12153'. ROP 40 FPH.
19:00	0.50	19:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
19:30	10.50	06:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 12153-12470'. ROP 30.2 FPH. BGG UP AT ~12140'. INCREASNG MW. NOW 11.3 PPG & BGG STILL ~5000 U.

FD 15-7-2-2 11/26/2012 06:00 - 11/27/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	2	DRILL ACTUAL	ROTATE DRILL 6 1/8 HOLE 12470-12613'. ROP 23.8 FPH. INCREASE MW TO 12.2 PPG, BGG DOWN TO <1400 U.
12:00	1.50	13:30	5	COND MUD & CIRC	FLOW CHECK SLIGHT FLOW. CIRCULATE HEAVY MUD OUT OF DP. FLOW CHECK.
13:30	5.50	19:00	6	TRIPS	PUMP SLUG & POH FOR NEW BIT #6. BIT #5 COND: 1-2-WT-S-X-I-PN-PR.
19:00	5.75	00:45	6	TRIPS	MAKE UP NEW BIT #6 (Mi516) & RIH. FILL STRING AT 3000, 6000 & 9000. BRIDGE AT 9650'.
00:45	5.25	06:00	3	REAMING	WASH/REAM 9650-11491'. 5-15K WOB, TORQUEY, DIFF PRESSURE SPIKES.

FD 15-7-2-2 11/27/2012 06:00 - 11/28/2012 06:00

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	3	REAMING	WASH/REAM 11491-TD.
08:00	0.50	08:30	6	TRIPS	CHANGE OUT 2 BAD JTS 3 1/2 DP (CONN LEAKING).
08:30	4.50	13:00	2	DRILL ACTUAL	DRILL 6 1/8 HOLE 12613-12772'. ROP 35.3 FPH. AT 12700', INCREASE MW TO 12.4 PPG DUE TO HIGH BGG.
13:00	0.50	13:30	7	LUBRICATE RIG	ROUTINE RIG SERVICE.
13:30	4.25	17:45	2	DRILL ACTUAL	DRILL 6 1/8 HOLE 12722-12876' (TD). ROP 24.5 FPH. ENCOUNTERING HIGH TORQUE, BUT NO DIFF PRESSURE SPIKES. PUMPING HV SWEEPS & INCREASING SYSTEM VIS TO ~60 SEC.
17:45	1.50	19:15	5	COND MUD & CIRC	PUMP 20 BBL SUPER SWEEP PILL & CIRCULATE 1.5 BOTTOMS UP. MIX SLUG.
19:15	0.25	19:30	21	OPEN	FLOW CHECK NEGATIVE. MW 12.5 PPG.
19:30	2.00	21:30	6	TRIPS	PUMP SLUG & POH TO SHOE. TIGHT @ 12222, 12156, 11930, 10404 & 9660'.
21:30	0.25	21:45	21	OPEN	FLOW CHECK NEGATIVE.
21:45	2.00	23:45	6	TRIPS	RIH TO 12785'. FILLED STRING @ 9556 & 11455'. TIGHT @ 9620-9650' & 9700-9730'.
23:45	1.50	01:15	5	COND MUD & CIRC	PUMP 20 BBL SUPER SWEEP PILL & CIRCULATE 1.5 BOTTOMS UP. MIX SLUG.
01:15	0.25	01:30	21	OPEN	FLOW CHECK NEGATIVE.
01:30	4.50	06:00	6	TRIPS	POH TO LOG. TIGHT (25K OP) @ 11930 & 9675'. BIT #6 COND: 1-4-WT-S-X-I-CT-TD.

**FD 15-7-2-2 11/28/2012 06:00 - 11/29/2012 06:00**

API/UWI 43047522270000	State/Province	County	Field Name Fort Duchesne	Well Status DRILLING	Total Depth (ftKB) 9,625.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.25	07:15	6	TRIPS	TOOH, L/D DIRCTIONAL TOOLS
07:15	8.00	15:15	11	WIRELINE LOGS	HSM, RIG UP HES LOGGERS NAD LOG, QUAD COMBO, F/ 1280 TO 9620, GAMMA TO SURFACE.
15:15	4.75	20:00	6	TRIPS	TRIP IN HOLE W/ TRICONE BIT
20:00	1.75	21:45	5	COND MUD & CIRC	CIRC. 2 BOTTOMS UP COND F/ LINER
21:45	5.25	03:00	6	TRIPS	TOOH, STAND BACK 99 STDS, LAY DN THE STOF DP, AND BHA.
03:00	3.00	06:00	12	RUN CASING & CEMENT	HSM, RIG UPWEATHERFORD, AND RUN 5" LINER. FS, (2.06'), 2 SHOE JTS. FC (2.75), LANDING COLLAR(2.28), 25 JT 5' 18# P110 CASING. DROPED CASING DOWN HOLE W/ LIFTING NIBB'N IN TOP.

BLM - Vernal Field Office - Notification Form

Operator Bill Barrett Corporation Rig Name/# HP 319
 Submitted By JET LORENZEN Phone Number 970-623-7078
 Well Name/Number FD 15-7-2-2
 Qtr/Qtr SW/SE Section 7 Township 2S Range 2E
 Lease Serial Number EEE
 API Number 43-047-52227

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ AM ☐ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☐ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☒ Liner
- ☐ Other

Date/Time 11/29/2012 10:00 AM ☒ PM ☐

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

RECEIVED

NOV 28 2012

DIV. OF OIL, GAS & MINING

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 15-7-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047522270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/27/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This sundry is to report that this well had first gas sales on 12/24/2012
and first oil sales on 12/27/2012.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 03, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 1/2/2013

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 1/2/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 December 2012 monthly drilling activity report is attached.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 January 03, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 1/2/2013	

**FD 15-7-2-2 12/1/2012 06:00 - 12/2/2012 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	19	FISHING	MILL ON CENTRALIZERS F/ 11712 TO 11724',
12:00	2.25	14:15	19	FISHING	WORK THE REST OF THE WAY TO BOTTOM
14:15	2.25	16:30	5	COND MUD & CIRC	CIRC BOTTOMS UP
16:30	5.00	21:30	19	FISHING	TOOH L/D MILL
21:30	5.25	02:45	6	TRIPS	TIH W/ TRICONE BIT
02:45	2.00	04:45	5	COND MUD & CIRC	CIRC COND. F/ CASING
04:45	1.25	06:00	6	TRIPS	TRIP TO SHOE

FD 15-7-2-2 12/2/2012 06:00 - 12/3/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	3.00	09:00	5	COND MUD & CIRC	CIRC. @ SHOE
09:00	2.75	11:45	19	FISHING	TIH, REAM ON JUNK W/ TRI CONE F/ 9700 TO 9850
11:45	6.25	18:00	19	FISHING	TOOH F/ MILL
18:00	6.00	00:00	19	FISHING	REAM W/ MILL F/ 9650' TO 11725', TIH TO BOTTOM
00:00	1.50	01:30	5	COND MUD & CIRC	CIRC. COND F/ CASING
01:30	2.50	04:00	6	TRIPS	SHORT TRIP TO SHOE
04:00	2.00	06:00	5	COND MUD & CIRC	CIRC. COND F/ CASING

FD 15-7-2-2 12/3/2012 06:00 - 12/4/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	6.00	12:00	6	TRIPS	STAND BACK 98 STDS, L/D 30 STDS, AND BHA
12:00	11.00	23:00	12	RUN CASING & CEMENT	HSM, RIG UP WEATHERFORD, AND RUN LINER, FS (2.03), 2 SHOE JTS (87.03), FC (2.00), LANDING COLLAR (1.81), 81 JTS 5" 18# P110 SF ULTRA (3411.93), XO (.92), LINER HANGER (26.21), RUNNING TOOL (11.50), LANDED W/ 98 STDS (1259.26), LANDED @ 12855'.
23:00	2.00	01:00	5	COND MUD & CIRC	CIRC CASING W/ RIG PUMP
01:00	3.00	04:00	12	RUN CASING & CEMENT	HSM, RIG UP HES AND CEMENT. 40 BLS TUNED SPACER, 180 SKS EXPANDACEM 15.8# 1.53 YEILD W/ .4% HR-800, .125LB POLY-E-FLAKE. DISPLACED W/70 BL H2O, THEN, 60.1 BLS OF 12.5 DRILLING MUD.BUMP PLUG, FLOATS HELD. DROP BALL EXPAND HANGER. PULL TEST LINER 60K OVER, RELEASE LINER. DISPLACE ANNULAS. GOT SUPERBACK AND A TRAC OF CEMENT
04:00	0.50	04:30	15	TEST B.O.P	TEST LINER TOP TO 2000# 30 MINS
04:30	1.50	06:00	5	COND MUD & CIRC	DISPLACE MUD W/ CLAY FIX AND ALDICIDE H2O.

FD 15-7-2-2 12/4/2012 06:00 - 12/5/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.75	06:45	5	COND MUD & CIRC	CIRC CLAY WEBB AND ADICIDE WATER TO DISPLACE MUD, FLOW CHECK
06:45	0.75	07:30	12	RUN CASING & CEMENT	RIG DN HALIBUTON
07:30	6.00	13:30	6	TRIPS	LDDP
13:30	11.50	01:00	14	NIPPLE UP B.O.P	NIPPLE DN, INSTALL TUBING HEAD. CLEAN MUD TANKS RIG RELEASE 01:00 12/5/12

FD 15-7-2-2 12/5/2012 06:00 - 12/6/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Drilling & Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com

**FD 15-7-2-2 12/8/2012 06:00 - 12/9/2012 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	GOP	General Operations	WSI And Secured.	
08:00	1.00	09:00	SRIG	Rig Up/Down	MIRU SLB W/L Crew And Equipment. Hold Safety Meeting. Rig Up Gauge Ring And Logging Tool.	
09:00	11.50	20:30	LOGG	Logging	P/U Junk Basket/4.0" Gauge Ring. RIH, Could Not Get Thru Liner Top At 9,326', POOH, P/U 3.75" Gauge Ring, RIH, Still Could Not Get Thru Liner Top, POOH, P/U 3.61" Gauge Ring, Able To Get Thru Liner Top, Tagged Up At 12,734', Drilling Report Shows FC At 12,764', 30' Of Fill. POOH, P/U CBL Tool, Rih To PBTD, 12,734', Correlating To HES Spectral Density/ Dual Spaced Neutron Dated 11-28-2012. Run Repeat Section From 12,734 - 12,400', Log Up Hole. Showed Poor Bond From TD To 12,335, 12,335 - 11,130' Good, 11,130 - 10,280' Ratty With Good Spots, 10,280 - Liner Top Very Poor, Liner Top To 9,140' Poor, 9,140 - 9,060' Free Pipe, 9,060 - 7,960' Good, 7,960 - 7,700' Ratty, 7,700 - 7,350' Ok, 7,350 - 6,880' Free Pipe, 6,880 - 6,700 Of, 6,700 - 6,210' Ratty. TOC 6,210'. Found No Short Joints. Ran With Pressure. Pooh, RD Equipment, MOL.	
20:30	9.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured	

FD 15-7-2-2 12/10/2012 06:00 - 12/11/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	2.00	08:00	LOCL	Lock Wellhead & Secure	WSI And Secured With NightCap.	
08:00	1.17	09:10	SRIG	Rig Up/Down	WireLine Crew Arrive On Location, HSM, Spot And Rig Up Equipment.	
09:10	2.33	11:30	CTUW	W/L Operation	RIH With HES 10K CFP And Setting Tool Assembly. RIH To Liner Top At 9,326' Able To Get Thru Liner Top, RIH To 9,450', POOH. RigDown WireLine, MOL.	
11:30	18.50	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured With Night Cap. Construction Crew Prepping For Facilities.	

FD 15-7-2-2 12/17/2012 06:00 - 12/18/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	HAVE 29 500 BBL FRAC TANKS SET. FILLING FRAC LINE.	

FD 15-7-2-2 12/18/2012 06:00 - 12/19/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	CONT FILL FRAC LINE. SET FLOW BACK EQUIP AND PLUMB IN. MOVE IN AND SET UP LEL TRAILER. BACK FILLING PIT.	

FD 15-7-2-2 12/19/2012 06:00 - 12/20/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	BOP1	Install BOP's	HSM. CHECK PRESSURE. ND NIGHT CAP. NU 7" 10K FRAC VALVES AND FRAC HEAD. PLUMB IN FLOW EQUIP. PRES TEST CSG AND VALVES TO 8500 PSI. PRES TEST FLOW EQUIP.	

FD 15-7-2-2 12/20/2012 06:00 - 12/21/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	
06:00	24.00	06:00	GOP	General Operations	HEAT FRAC LINE	

FD 15-7-2-2 12/21/2012 06:00 - 12/22/2012 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log						
Start Time	Dur (hr)	End Time	Code	Category	Com	

Start Time	Dur (hr)	End Time	Code	Category	Com
18:30	1.75	20:15	FRAC	Frac. Job	<p>FRAC STG #2- FOUCH PERFS 12,135'-12,386' 45 HOLES IN 15' NET. PRESSURE TEST LINES TO 8400 PSI. OPEN WELL W/ 5281 PSI AT 18:35 BREAK DOWN 5586 PSI AT 9.6 BPM. PMP 4018 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.5 BPM AT 5560 PSI. FLUSH W/ 17,114 GAL. 28.5 BPM AT 5948 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 58.3 BPM AT 7284 PSI. ISIP 5436. FG .88. PERFS OPEN 29/45. CONT FR PAD. 67.8 BPM AT 7118 PSI. STAGE TO 1 PPA 100# MESH. 67.8 BPM AT 7118 PSI. ON PERF 68.5 BPM AT 7225 PSI. STAGE TO 2 PPA 20/40 CRC. 68.4 BPM AT 7325 PSI. ON PERFS 68.4 BPM AT 6725 PSI. STAGE TO 3 PPA 20/40 CRC. 68.3 BPM AT 7099 PSI. ON PERFS 68.3 BPM AT 6572 PSI. STAGE TO 3.5 PPA 20/40 CRC. 68.4 BPM AT 6683 PSI. ON PERFS 68.4 BPM AT 6505 PSI. STAGE TO 4 PPA 20/40 CRC. 68.3 BPM AT 6507 PSI. ON PERFS 68.9 BPM AT 6874 PSI. FLUSH 68.8 BPM AT 7173 PSI. WSI WITH 5860 PSI. TURN OVER TO WIRES LINE.</p> <div style="display: flex; justify-content: space-between;"> <div> <p>ISDP 5890 MAX RATE 72.9 BPM AVE RATE 68.3 BPM PMP 14,799 LBS 100# MESH TOT PROP 154,799 LBS SLK WTR 63,767 GAL 124,003 GAL) BWTR 2952 BBLS</p> </div> <div> <p>FG .88 MAX PRES 7367 PSI AVE PRES 6855 PSI 140,000 LBS 20/40 CRC. 250 LBS SCALE SORB 3 28# HYBOR G (16) 60,236 GAL (TOTAL FLUID</p> </div> </div>
20:15	3.50	23:45	PFRT	Perforating	<p>PERF STG #3- PU HES 5-1/2" CFP AND GUNS FOR STAGE 3 INTO LUB AND EQUALIZE 5400 PSI. OPEN WELL AND RIH. NOTE: HAD PROBLEMS KEEPING SEAL, WENT SLOW TO KEEP GREASE SEAL. CORRELATE TO LINER HANGER AT 9349'-9353'. RUN DOWN AND SET CFP AT 12,128' WITH 5300 PSI. PULL UP AND PERF FOUCH FORM 12,109', 12,090', AND 12,073'. GUN STUCK ON 3rd SHOT.</p>
23:45	6.25	06:00	WLWK	Wireline	<p>PERF GUN STUCK AFTER 3rd SHOT, CCL AT 12,029', BTM SETTING SLEEVE AT 12,086'. WORK LINE, NO SUCCESS. USE HES AND PMP DOWN CSG AS WORK LINE, 2 BPM AT 5300 PSI UP TO 7.5 BPM AT 7440 PSI. ABLE TO PUMP PAST GUN STRING. NO SUCCESS. INSTALL 8/64 INLINE CHOKE. EQUALIZE AND OPEN WING VALVE TO CHOKE MANIFOLD. ROCK ADJUSTABLE CHOKE AS WORK LINE. FLOW 55 BBL IN 1 HR, FCP 5100 PSI. NO SUCCESS. STILL STUCK. INSTALL 10/64 CHOKE. EQUALIZE AND OPEN WING TO FLOW AS WORK LINE. FCP 5050 AT 1.3 BPM. WORK LINE. NO SUCCESS. GO THRU GUN NUMBERS AND CHECK SWITCHES. HAVE A GUN ON DEPTH FOR NEXT ZONE AT 12,060'. SHUT IN WELL AND PULL TENSION ON LINE. ARRANGE NUMBERS TO MATCH AND PERF 12,060'. GUN CAME FREE.</p>

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status COMPLETION	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	4.50	10:30	WLWK	Wireline	POOH W/ GUN STRING FOR STG 3. REDRESS FOR RIH TO CONT PERF STG 3. THAW OUT BLUBBER HOSE.
10:30	2.50	13:00	PFRT	Perforating	PU GUNS FOR REMAINDER OF STG 3. EQUALIZE 5200 PSI. RIH ANC CORRLEATE TO LINER HANGER 9349'-9353'. RUN DOWN AND FINISH PERF FOUCH AND EB-9 FORM. TOTAL 11,849'-12,108' WITH 45 HOLE IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. TURN OVER TO HES WITH 5100 PSI.

Start Time	Dur (hr)	End Time	Code	Category	Com
13:00	1.50	14:30	FRAC	Frac. Job	<p>FRAC STG #3- FOUCH AND EB-9 PERFS 11,848'-12,107' 45 HOLES IN 15' NET. PRESSURE TEST LINES TO 8000 PSI. OPEN WELL W/ 5030 PSI AT 13:00 BREAK DOWN 5556 PSI AT 9.2 BPM. PMP 3910 GAL 15% HCL ACID W/ 90 BIO BALLS FOR DIVERSION. 9.6 BPM AT 5280 PSI. FLUSH W/ 16,792 GAL. 28.3 BPM AT 5736 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 58.8 BPM AT 6340 PSI. ISIP 4650. FG .83. PERFS OPEN 31/45. CONT FR PAD. 66.3 BPM AT 6656 PSI. STAGE TO 1 PPA 100# MESH. 70.1 BPM AT 6805 PSI. ON PERF 69.7 BPM AT 6991 PSI. STAGE TO 2 PPA 20/40 CRC. 69.7 BPM AT 6823 PSI. ON PERFS 69.5 BPM AT 6398 PSI. STAGE TO 3 PPA 20/40 CRC. 69.5 BPM AT 6649 PSI. ON PERFS 69.7 BPM AT 6272 PSI. STAGE TO 3.5 PPA 20/40 CRC. 69.7 BPM AT 6300 PSI. ON PERFS 68.4 BPM AT 6185 PSI. STAGE TO 4 PPA 20/40 CRC. 68.4 BPM AT 6216 PSI. ON PERFS 68.9 BPM AT 6585 PSI. FLUSH 68.8 BPM AT 6882 PSI. WSI WITH 4878 PSI. TURN OVER TO WIRELINE.</p> <div style="display: flex; justify-content: space-between;"> <div> ISDP 5129 MAX RATE 71.8 BPM AVE RATE 69.0 BPM PMP 15,950 LBS 100# MESH TOT PROP 165,759 LBS SLK WTR 60,120 GAL 124,539 GAL) BWTR 2965 BBLS </div> <div> FG .87 MAX PRES 7035 PSI AVE PRES 6509 PSI 149,809 LBS 20/40 CRC. 250 LBS SCALE SORB 3 28# HYBOR G (16) 64,419 GAL (TOTAL FLUID </div> </div>
14:30	2.50	17:00	PFRT	Perforating	<p>PERF STG #4- PU HES 5-1/2" CFP AND GUNS FOR STAGE 2 INTO LUB AND EQUALIZE 4500 PSI. OPEN WELL AND RIH. CORRELATE TO LINER HANGER AT 9349'-9353'. RUN DOWN AND SET CFP AT 11,844' WITH 4100 PSI. PULL UP AND PERF EB-9 FORM 11,608'-11,824' WITH 42 HOLES IN 14' NET. POOH AND VERIFY ALL GUNS SHOT. TURN WELL OVER TO HES WITH 4000 PSI</p>

Start Time	Dur (hr)	End Time	Code	Category	Com
17:00	1.50	18:30	FRAC	Frac. Job	<p>FRAC STG #4- EB-9 PERFS 11,608'-11,824' 42 HOLES IN 14' NET. PRESSURE TEST LINES TO 8400 PSI. OPEN WELL W/ 3879 PSI AT 16:47 BREAK DOWN 4165 PSI AT 9.4 BPM. PMP 3851 GAL 15% HCL ACID W/ 84 BIO BALLS FOR DIVERSION. 9.7 BPM AT 4003 PSI. FLUSH W/ 16,707 GAL. 28.7 BPM AT 4485 PSI. ATTEMPT BALL OUT. SHUT DOWN PMP. SURGE 3X. WAIT 15 MIN FOR BALLS TO FALL. STAGE FR PAD. STABLE RATE OF 62.7 BPM AT 6471 PSI. ISIP 3835. FG .77. PERFS OPEN 25/42. CONT FR PAD. 70.8 BPM AT 7116 PSI. STAGE TO 1 PPA 100# MESH. 70.7 BPM AT 6895 PSI. ON PERF 70.4 BPM AT 6020 PSI. STAGE TO 2 PPA 20/40 CRC. 70.6 BPM AT 6425 PSI. ON PERFS 70.5 BPM AT 4948 PSI. STAGE TO 3 PPA 20/40 CRC. 70.5 BPM AT 5465 PSI. ON PERFS 70.8 BPM AT 4866 PSI. STAGE TO 3.0 PPA 20/40 CRC. 70.5 BPM AT 5052 PSI. ON PERFS 70.5 BPM AT 4859 PSI. STAGE TO 3.0 PPA 20/40 CRC. 70.4 BPM AT 4834 PSI. ON PERFS 71.2 BPM AT 4869 PSI. (HAD PROBLEMS WITH BELT MOTOR ON SAND MOVER, UNABLE TO GET ABOVE 3.0 PPA) EXTEND FLUID VOLUMES TO GET SAND VOLUMES IN. FLUSH 71.4 BPM AT 5341 PSI. WSI WITH 3988 PSI.</p> <p>ISDP 4029 MAX RATE 71.5 BPM AVE RATE 70.7 BPM PMP 14,936 LBS 100# MESH TOT PROP 146,983 LBS SLK WTR 59,754 GAL 125,820 GAL) BWTR 2996 BBLs</p> <p>FG .78 MAX PRES 7050 PSI AVE PRES 5410 PSI 132,047 LBS 20/40 CRC. 250 LBS SCALE SORB 3 25# HYBOR G (16) 66,066 GAL (TOTAL FLUID</p>
18:30	2.00	20:30	GOP	General Operations	RDMO HES.
20:30	9.50	06:00	FBCK	Flowback Well	WELL TURNED OVER TO FBC. 3500 PSI ON 14/64" CHOKE AT 96 BPH.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 15-7-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047522270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 1/5/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input checked="" type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC hereby requests to flare the subject well until the March 2013 board hearing. See additional details attached.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: January 24, 2013

By: *D. K. Duff*

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 1/4/2013

Sundry Number: 33606 API Well Number: 43047522270000



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047522270000

Flaring cannot exceed 50 MMCF and any actions that can be taken to restrict the amount flared without creating waste or adverse impact on the well or reservoir should be implemented.

On December 24th, 2012 the 15-7-2-2 began initial flowback from the Wasatch. BBC is testing completion techniques that have been successful in the Wasatch in BBC's fields to the west. This is an exploratory oil well test south of Roosevelt Unit. BBC is determining if continued drilling should proceed.

This well has produced 2,170 MCF during the first 8 days. BBC is requesting additional flaring capacity up to 50MMCF, to be flared until hearing, before the 3,000 MCF is reached. BBC will file a request to appear at the March 27th Flaring Hearing.

The well is just beginning to cut oil. It is critical to continue flow testing the well to prevent any formation damage and determine oil productivity. The well has recovered 5,704 bbls of 11,557 bbls of fracture fluid. Shutting in the well so soon after the initial completion could cause a reduction in the long term ultimate recovery by dehydration of the gelled hydraulic fracture fluid still in the formation and crushing of the proppant in the hydraulic fractures given the apparent overpressure in the lower Wasatch. Both could result in a reduction in productivity.

In regard to rule R649-3-20-3.1, BBC has looked at the available gas disposition options (compressed natural gas (CNG), electrical generation, gas-to-liquids (GTL) and gas injection and does not monetarily make sense to do being that other options could require high capital investment and might take longer than the current estimated timeframe for the pipeline approval and construction.

Per the status of the pipeline, BBC has two options. One route ties into an existing pipeline but requires a BLM ROW as it passes through a portion of BLM surface. This ROW has not yet been approved. In the meantime, BBC is working with a handful of surface owners to see if we can bring the pipeline route south and tie into a different existing line but due to the number of surface owners, this route may not be constructed before the BLM ROW is approved. Either way, BBC is diligently working to get a route approved/constructed as soon as possible.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/24/2012	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: Confidential Status		
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 BBC hereby requests this well be held in confidential status.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 February 13, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 2/7/2013	

CONFIDENTIAL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

MINI-REPORT ☐
(highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE							
b. TYPE OF WORK: NEW WELL <input checked="" type="checkbox"/> HORIZ. LATS. <input type="checkbox"/> DEEP-EN <input type="checkbox"/> RE-ENTRY <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME							
2. NAME OF OPERATOR: Bill Barrett Corporation		7. UNIT or CA AGREEMENT NAME							
3. ADDRESS OF OPERATOR: 1099 18th St Ste 2300 CITY Denver STATE CO ZIP 80202		8. WELL NAME and NUMBER: FD 15-7-2-2							
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 660 FSL 1980 FEL AT TOP PRODUCING INTERVAL REPORTED BELOW: 645 FSL, 1938 FEL AT TOTAL DEPTH: 630 FSL 1923 FEL		9. API NUMBER: 4304752227							
10. FIELD AND POOL, OR WILDCAT UNDESIGNATED		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 7 2S 2E S							
12. COUNTY Uintah		13. STATE UTAH							
14. DATE SPUDDED: 10/3/2012	15. DATE T.D. REACHED: 11/28/2012	16. DATE COMPLETED: 12/23/2012	17. ELEVATIONS (DF, RKB, RT, GL): 5201 GR						
18. TOTAL DEPTH: MD 12,876 TVD 12,875		19. PLUG BACK T.D.: MD 12,766 TVD 12,765	20. IF MULTIPLE COMPLETIONS, HOW MANY? *						
21. DEPTH BRIDGE MD PLUG SET: TVD		22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) CBL/GR/TEMP/CCL							
23. WAS WELL CORED? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit analysis) WAS DST RUN? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/> (Submit report) DIRECTIONAL SURVEY? NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> (Submit copy)									
24. CASING AND LINER RECORD (Report all strings set in well)									
HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Conq	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	3,521	3,521	840	395	0	
8 3/4	7 P110	26#	0	9,621	9,621	310	95	3000	
						800	267	6480	
6 1/8	5 p110	18#	0	12,855	12,855	180	49	9323	
25. TUBING RECORD									
SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	11,572								
26. PRODUCING INTERVALS					27. PERFORATION RECORD				
FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS	
(A) Wasatch	11,608	12,682			11,608 12,682	.38	177	Open <input checked="" type="checkbox"/>	Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/>	Squeezed <input type="checkbox"/>
28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.									
DEPTH INTERVAL		AMOUNT AND TYPE OF MATERIAL							
11608' to 12682'		Wasatch: See Attached							
29. ENCLOSED ATTACHMENTS:									
30. WELL STATUS:									
POW									

RECEIVED

JAN 15 2013

Div. of Oil, Gas & Mining

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/27/2012		TEST DATE: 1/1/2013		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 178	GAS - MCF: 205	WATER - BBL: 260	PROD. METHOD: Flowing
CHOKE SIZE: 64/64	TBG. PRESS. 0	CSG. PRESS. 400	API GRAVITY 52.00	BTU - GAS	GAS/OIL RATIO 1,152	24 HR PRODUCTION RATES: →	OIL - BBL: 178	GAS - MCF: 205	WATER - BBL: 260	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	6,145
				Mahogany	6,979
				Douglas Creek	8,377
				Black Shale	8,864
				Castle Peak	9,293
				Uteland Butte	9,362
				Wasatch	9,779
				TD	12,876

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First oil sales 12/27/12; gas flaring.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Brady Riley TITLE Permit Analyst
 SIGNATURE Brady Riley DATE 1/14/2013

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
 1594 West North Temple, Suite 1210
 Box 145801
 Salt Lake City, Utah 84114-5801

Phone: 801-538-5340
 Fax: 801-359-3940

Bill Barrett Corp

Uintah County, UT (NAD 1927)

Sec. 7-T2S-R2E

FD 15-7-2-2

Plan A

Design: Sperry Final Surveys

Sperry Drilling Services Standard Report

14 January, 2013

Well Coordinates: 727,445.72 N, 2,471,363.43 E (40° 19' 05.90" N, 109° 48' 34.19" W)

Ground Level: 5,201.00 ft

Local Coordinate Origin:

Centered on Well FD 15-7-2-2

Viewing Datum:

KB=24' @ 5225.00ft (H&P 319)

TVDs to System:

N

North Reference:

True

Unit System:

API - US Survey Feet - Custom

Geodetic Scale Factor Applied

Version: 2003.16 Build: 431

HALLIBURTON

HALLIBURTON**Design Report for FD 15-7-2-2 - Sperry Final Surveys**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
162.00	0.11	80.570	162.00	0.03	0.15	0.03	0.07
First Sperry MWD Survey @ 162.00' MD							
256.00	0.20	52.360	256.00	0.14	0.37	0.14	0.12
339.00	0.24	99.000	339.00	0.20	0.66	0.20	0.21
431.00	0.17	103.030	431.00	0.14	0.98	0.14	0.08
522.00	0.13	77.320	522.00	0.13	1.21	0.13	0.08
614.00	0.20	154.110	614.00	0.01	1.39	0.01	0.23
708.00	0.23	248.660	708.00	-0.20	1.28	-0.20	0.34
802.00	0.20	276.140	802.00	-0.26	0.94	-0.26	0.11
896.00	0.13	178.370	896.00	-0.34	0.78	-0.34	0.27
991.00	0.44	195.550	991.00	-0.80	0.69	-0.80	0.33
1,085.00	0.20	173.950	1,084.99	-1.31	0.61	-1.31	0.28
1,179.00	0.48	14.420	1,178.99	-1.10	0.72	-1.10	0.71
1,273.00	0.24	66.820	1,272.99	-0.64	1.00	-0.64	0.41
1,368.00	0.27	90.970	1,367.99	-0.56	1.41	-0.56	0.12
1,462.00	0.08	40.510	1,461.99	-0.52	1.67	-0.52	0.24
1,556.00	0.50	87.680	1,555.99	-0.45	2.13	-0.45	0.48
1,651.00	0.41	61.170	1,650.99	-0.27	2.84	-0.27	0.24
1,745.00	0.27	106.330	1,744.98	-0.17	3.35	-0.17	0.31
1,839.00	0.48	84.570	1,838.98	-0.20	3.95	-0.20	0.27
1,933.00	0.74	110.070	1,932.98	-0.37	4.91	-0.37	0.39
2,027.00	0.23	70.980	2,026.97	-0.51	5.66	-0.51	0.62
2,122.00	0.41	22.600	2,121.97	-0.14	5.97	-0.14	0.33
2,216.00	0.70	64.300	2,215.97	0.42	6.62	0.42	0.51
2,310.00	0.45	45.870	2,309.96	0.93	7.40	0.93	0.33
2,404.00	0.28	51.110	2,403.96	1.33	7.84	1.33	0.18
2,499.00	0.20	42.750	2,498.96	1.60	8.14	1.60	0.09
2,593.00	0.24	92.960	2,592.96	1.71	8.45	1.71	0.20
2,687.00	0.34	34.160	2,686.96	1.93	8.80	1.93	0.32
2,781.00	0.36	32.140	2,780.96	2.41	9.11	2.41	0.02
2,876.00	0.48	45.930	2,875.95	2.94	9.56	2.94	0.16
2,970.00	0.33	93.190	2,969.95	3.20	10.11	3.20	0.38
3,064.00	0.41	93.980	3,063.95	3.16	10.72	3.16	0.09
3,159.00	0.35	119.280	3,158.95	2.99	11.31	2.99	0.19
3,253.00	0.55	80.690	3,252.95	2.93	12.00	2.93	0.37
3,347.00	0.67	112.930	3,346.94	2.78	12.96	2.78	0.38
3,448.00	0.35	46.020	3,447.94	2.77	13.72	2.77	0.62
3,538.00	0.17	48.830	3,537.94	3.05	14.02	3.05	0.20
3,632.00	0.17	58.510	3,631.94	3.21	14.24	3.21	0.03
3,726.00	0.46	154.050	3,725.93	2.95	14.53	2.95	0.54
3,820.00	0.49	8.900	3,819.93	3.00	14.75	3.00	0.96
3,915.00	0.62	346.170	3,914.93	3.90	14.69	3.90	0.27
4,009.00	0.54	351.930	4,008.92	4.84	14.51	4.84	0.11
4,103.00	0.40	354.400	4,102.92	5.60	14.42	5.60	0.15
4,197.00	0.29	341.050	4,196.92	6.15	14.31	6.15	0.14
4,292.00	0.36	339.250	4,291.92	6.66	14.12	6.66	0.07
4,386.00	0.20	18.250	4,385.92	7.09	14.07	7.09	0.26
4,480.00	0.08	182.730	4,479.92	7.18	14.12	7.18	0.30
4,574.00	0.21	182.330	4,573.92	6.94	14.11	6.94	0.14

Design Report for FD 15-7-2-2 - Sperry Final Surveys

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
4,669.00	0.38	154.820	4,668.91	6.49	14.24	6.49	0.23
4,763.00	0.08	151.950	4,762.91	6.15	14.40	6.15	0.32
4,858.00	0.34	97.080	4,857.91	6.05	14.71	6.05	0.32
4,952.00	0.43	108.840	4,951.91	5.90	15.32	5.90	0.13
5,046.00	0.33	35.810	5,045.91	6.01	15.81	6.01	0.49
5,140.00	0.26	74.920	5,139.91	6.28	16.18	6.28	0.22
5,235.00	0.43	110.600	5,234.91	6.21	16.72	6.21	0.28
5,329.00	0.59	123.180	5,328.90	5.83	17.45	5.83	0.21
5,423.00	0.45	114.750	5,422.90	5.41	18.19	5.41	0.17
5,517.00	0.52	126.690	5,516.90	5.00	18.87	5.00	0.13
5,612.00	0.71	120.260	5,611.89	4.44	19.73	4.44	0.21
5,706.00	0.51	137.710	5,705.88	3.84	20.51	3.84	0.29
5,801.00	0.23	178.030	5,800.88	3.34	20.80	3.34	0.39
5,895.00	0.78	150.940	5,894.88	2.59	21.12	2.59	0.62
5,989.00	0.48	109.630	5,988.87	1.90	21.80	1.90	0.56
6,083.00	0.79	106.110	6,082.87	1.59	22.79	1.59	0.33
6,178.00	0.46	64.390	6,177.86	1.57	23.77	1.57	0.57
6,272.00	0.54	98.740	6,271.86	1.66	24.54	1.66	0.32
6,366.00	1.18	315.590	6,365.85	2.29	24.31	2.29	1.75
6,461.00	0.97	317.460	6,460.84	3.58	23.08	3.58	0.22
6,555.00	0.91	273.550	6,554.83	4.21	21.79	4.21	0.75
6,649.00	0.92	259.530	6,648.81	4.12	20.31	4.12	0.24
6,743.00	0.64	331.720	6,742.81	4.45	19.32	4.45	1.01
6,837.00	0.43	323.540	6,836.80	5.19	18.86	5.19	0.24
6,932.00	0.33	353.210	6,931.80	5.75	18.61	5.75	0.23
7,026.00	0.35	18.190	7,025.80	6.29	18.67	6.29	0.16
7,120.00	0.33	68.310	7,119.80	6.66	19.01	6.66	0.31
7,214.00	0.56	84.880	7,213.79	6.81	19.72	6.81	0.28
7,308.00	0.52	71.260	7,307.79	6.98	20.58	6.98	0.14
7,402.00	0.60	75.520	7,401.79	7.24	21.46	7.24	0.10
7,497.00	0.34	73.930	7,496.78	7.45	22.22	7.45	0.27
7,591.00	0.37	106.100	7,590.78	7.44	22.78	7.44	0.21
7,685.00	0.36	99.960	7,684.78	7.30	23.36	7.30	0.04
7,780.00	0.29	98.920	7,779.78	7.22	23.89	7.22	0.07
7,874.00	0.54	79.780	7,873.77	7.26	24.56	7.26	0.30
7,968.00	0.64	88.930	7,967.77	7.35	25.52	7.35	0.15
8,063.00	0.71	99.330	8,062.76	7.26	26.63	7.26	0.15
8,157.00	0.27	79.090	8,156.76	7.21	27.42	7.21	0.50
8,251.00	0.59	98.460	8,250.76	7.18	28.12	7.18	0.37
8,345.00	0.61	103.280	8,344.75	6.99	29.09	6.99	0.06
8,440.00	0.61	89.060	8,439.75	6.88	30.08	6.88	0.16
8,534.00	0.78	93.730	8,533.74	6.85	31.22	6.85	0.19
8,628.00	0.80	106.600	8,627.73	6.62	32.49	6.62	0.19
8,723.00	0.67	114.550	8,722.72	6.20	33.63	6.20	0.17
8,817.00	0.88	103.970	8,816.71	5.80	34.83	5.80	0.27
8,912.00	0.91	127.720	8,911.70	5.16	36.14	5.16	0.39
9,006.00	0.53	127.270	9,005.70	4.44	37.07	4.44	0.40
9,100.00	0.45	151.520	9,099.69	3.85	37.59	3.85	0.23
9,195.00	0.50	155.430	9,194.69	3.15	37.95	3.15	0.06
9,289.00	0.57	170.830	9,288.68	2.31	38.19	2.31	0.17
9,383.00	0.37	182.480	9,382.68	1.55	38.25	1.55	0.23

Design Report for FD 15-7-2-2 - Sperry Final Surveys

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)
9,477.00	0.36	176.620	9,476.68	0.95	38.26	0.95	0.04
9,572.00	0.57	145.480	9,571.68	0.26	38.54	0.26	0.34
9,635.00	0.68	175.000	9,634.67	-0.37	38.75	-0.37	0.53
9,730.00	0.78	177.080	9,729.67	-1.57	38.83	-1.57	0.11
9,824.00	0.17	265.290	9,823.66	-2.22	38.73	-2.22	0.84
9,919.00	0.10	264.360	9,918.66	-2.24	38.50	-2.24	0.07
10,014.00	0.40	209.600	10,013.66	-2.54	38.26	-2.54	0.37
10,109.00	0.55	197.410	10,108.66	-3.26	37.96	-3.26	0.19
10,204.00	0.41	177.480	10,203.65	-4.04	37.84	-4.04	0.23
10,299.00	0.38	171.270	10,298.65	-4.69	37.90	-4.69	0.05
10,393.00	0.38	165.130	10,392.65	-5.30	38.03	-5.30	0.04
10,488.00	0.29	133.800	10,487.65	-5.77	38.28	-5.77	0.21
10,582.00	0.39	172.280	10,581.65	-6.25	38.50	-6.25	0.26
10,678.00	0.48	208.080	10,677.64	-6.93	38.35	-6.93	0.29
10,773.00	0.40	194.200	10,772.64	-7.60	38.08	-7.60	0.14
10,868.00	0.20	138.640	10,867.64	-8.05	38.11	-8.05	0.35
10,963.00	0.27	153.470	10,962.64	-8.37	38.32	-8.37	0.10
11,059.00	0.45	151.230	11,058.64	-8.91	38.60	-8.91	0.19
11,155.00	0.62	157.360	11,154.63	-9.72	38.98	-9.72	0.19
11,250.00	0.51	138.300	11,249.63	-10.51	39.46	-10.51	0.23
11,344.00	0.74	145.090	11,343.62	-11.32	40.09	-11.32	0.26
11,440.00	0.82	153.110	11,439.61	-12.44	40.75	-12.44	0.14
11,535.00	1.17	141.390	11,534.60	-13.80	41.67	-13.80	0.42
11,630.00	0.94	164.820	11,629.58	-15.31	42.48	-15.31	0.51
11,726.00	0.88	159.380	11,725.57	-16.76	42.94	-16.76	0.11
11,821.00	0.27	207.500	11,820.57	-17.64	43.09	-17.64	0.77
11,916.00	0.42	169.730	11,915.57	-18.18	43.05	-18.18	0.28
12,011.00	0.76	130.940	12,010.56	-18.94	43.59	-18.94	0.53
12,106.00	1.16	136.270	12,105.55	-20.05	44.73	-20.05	0.43
12,200.00	1.53	136.110	12,199.52	-21.64	46.26	-21.64	0.39
12,295.00	1.16	132.660	12,294.50	-23.20	47.85	-23.20	0.40
12,390.00	1.31	119.860	12,389.47	-24.40	49.49	-24.40	0.33
12,485.00	1.15	120.250	12,484.45	-25.42	51.26	-25.42	0.17
12,580.00	1.25	130.660	12,579.43	-26.57	52.87	-26.57	0.25
12,675.00	1.22	132.650	12,674.41	-27.93	54.40	-27.93	0.06
12,829.00	1.35	130.010	12,828.37	-30.21	56.99	-30.21	0.09
Final Sperry MWD Survey @ 12829.00' MD							
12,876.00	1.35	130.010	12,875.36	-30.92	57.84	-30.92	0.00
Straight Line Projection to TD @ 12876.00' MD							

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N-S (ft)	+E-W (ft)	
162.00	162.00	0.03	0.15	First Sperry MWD Survey @ 162.00' MD
12,829.00	12,828.37	-30.21	56.99	Final Sperry MWD Survey @ 12829.00' MD
12,876.00	12,875.36	-30.92	57.84	Straight Line Projection to TD @ 12876.00' MD

HALLIBURTON**Design Report for FD 15-7-2-2 - Sperry Final Surveys****Vertical Section Information**

Angle Type	Target	Azimuth (°)	Origin Type	Origin +N/_S (ft)	Origin +E/-W (ft)	Start TVD (ft)
User	No Target (Freehand)	0.000	Slot	0.00	0.00	0.00

Survey tool program

From (ft)	To (ft)	Survey/Plan	Survey Tool
162.00	12,876.00	Sperry MWD Surveys	MWD

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
FF 15-7-2-2_Hardlin	0.00	0.00	0.00	0.00	0.00	727,445.72	2,471,363.43	40° 19' 5.902 N	109° 48' 34.189 W
- actual wellpath hits target center									
- Polygon									
Point 1				-200.00	-200.00	727,241.99	2,471,167.26		
Point 2				200.00	-200.00	727,249.55	2,471,567.16		
Point 3				-200.00	-200.00	727,241.99	2,471,167.26		
FD 15-7-2-2_PlanA	0.00	0.00	12,876.00	0.00	0.00	727,445.72	2,471,363.43	40° 19' 5.902 N	109° 48' 34.189 W
- actual wellpath misses target center by 65.59ft at 12875.13ft MD (12874.49 TVD, -30.91 N, 57.83 E)									
- Rectangle (sides W200.00 H200.00 D0.00)									

HALLIBURTON

North Reference Sheet for Sec. 7-T2S-R2E - FD 15-7-2-2 - Plan A

All data is in US Feet unless otherwise stated. Directions and Coordinates are relative to True North Reference.

Vertical Depths are relative to KB=24' @ 5225.00ft (H&P 319). Northing and Easting are relative to FD 15-7-2-2

Coordinate System is US State Plane 1927 (Exact solution), Utah Central 4302 using datum NAD 1927 (NADCON CONUS), ellipsoid Clarke 1866

Projection method is Lambert Conformal Conic (2 parallel)

Central Meridian is 111° 30' 0.000 W°, Longitude Origin: 0° 0' 0.000 E°, Latitude Origin: 40° 39' 0.000 N°

False Easting: 2,000,000.00ft, False Northing: 0.00ft, Scale Reduction: 0.99993435

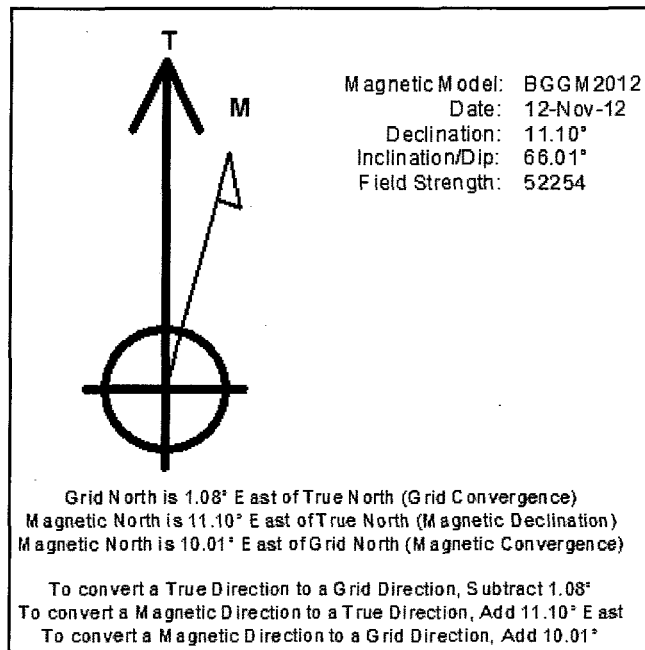
Grid Coordinates of Well: 727,445.72 ft N, 2,471,363.43 ft E

Geographical Coordinates of Well: 40° 19' 05.90" N, 109° 48' 34.19" W

Grid Convergence at Surface is: 1.08°

Based upon Minimum Curvature type calculations, at a Measured Depth of 12,876.00ft
the Bottom Hole Displacement is 65.59ft in the Direction of 118.13° (True).

Magnetic Convergence at surface is: -10.01° (12 November 2012, , BGGM2012)

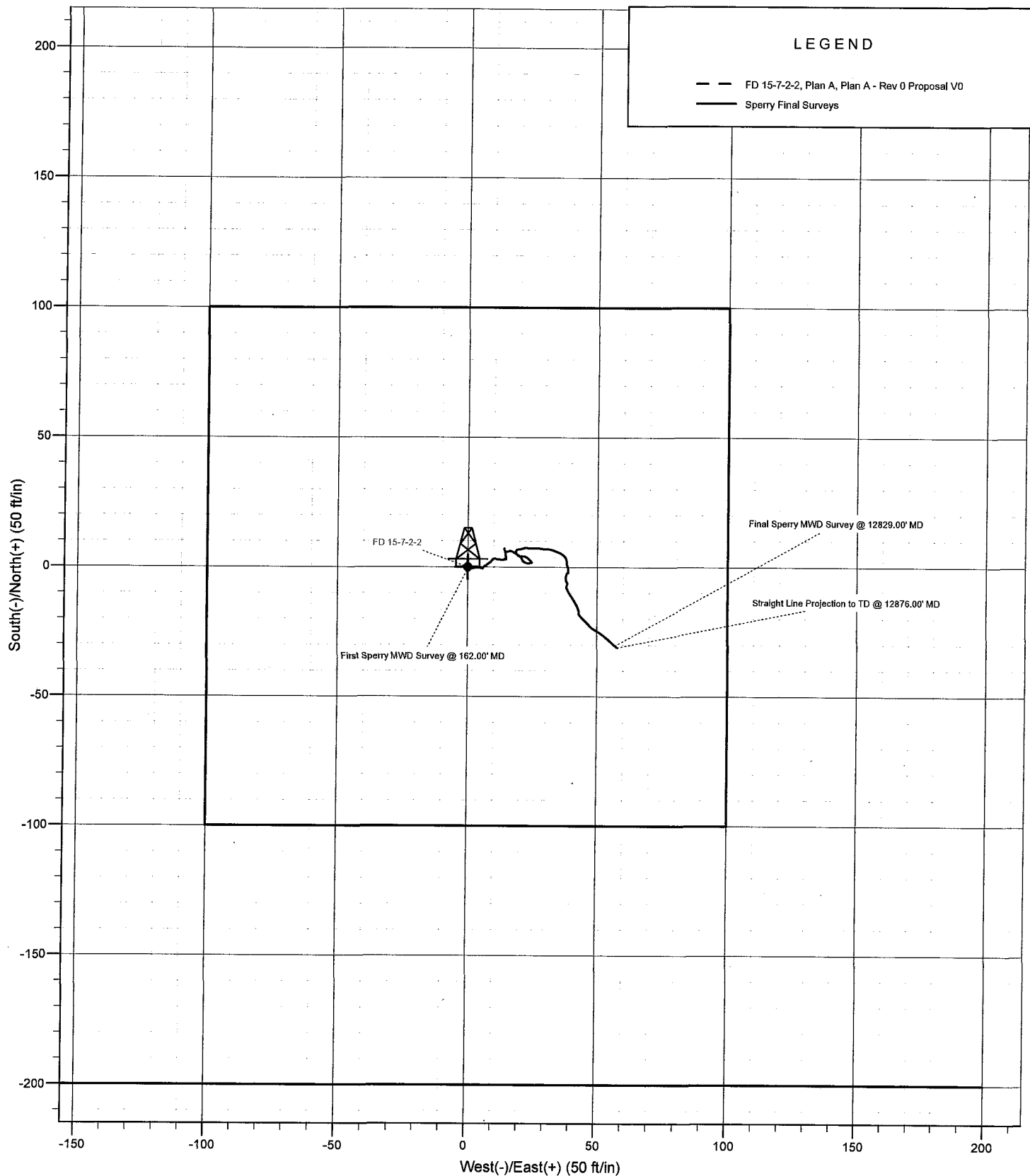


Project: Uintah County, UT (NAD 1927)
Site: Sec. 7-T2S-R2E
Well: FD 15-7-2-2

Bill Barrett Corp

HALLIBURTON

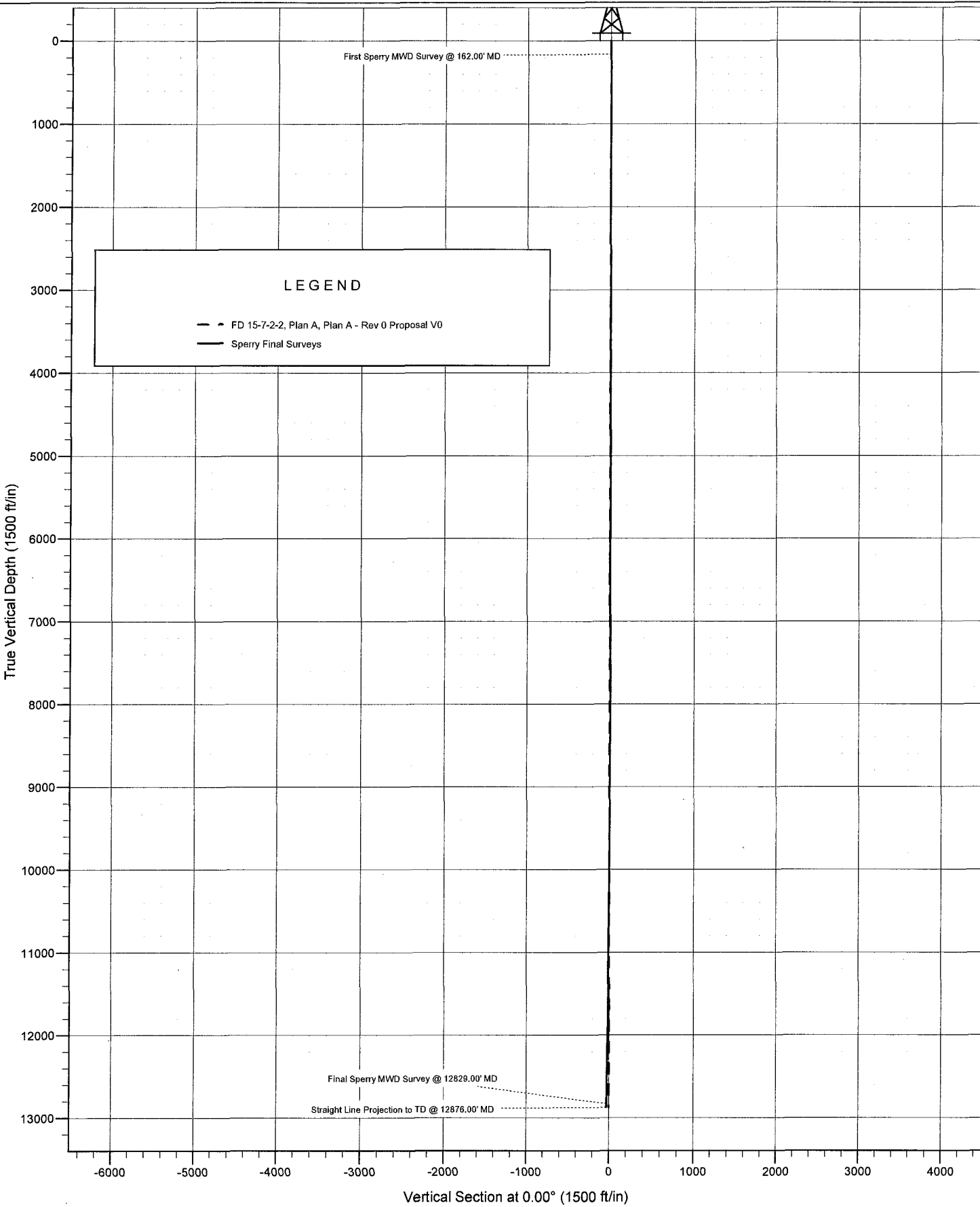
Sperry Drilling



Project: Uintah County, UT (NAD 1927)
Site: Sec. 7-T2S-R2E
Well: FD 15-7-2-2

Bill Barrett Corp

HALLIBURTON
Sperry Drilling



FD 15-7-2-2 Completion Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)				
AMOUNT AND TYPE OF MATERIAL				
<u>Stage</u>	<u>BBLs Slurry</u>	<u>gals 100 Mesh Sand</u>	<u>Gals 15 % HCL</u>	<u>gals 20/40 CRC</u>
1	3264	15955	3917	149798
2	3045	14799	3883	139986
3	3910	15950	3910	149809
4	3247	14936	3854	132047

*Depth intervals for frac information same as perforation record intervals.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 15-7-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047522270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 2/28/2013	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

February 2013 monthly drilling report attached.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 08, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 3/5/2013

**FD 15-7-2-2 2/4/2013 06:00 - 2/5/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	1.50	08:30	RMOV	Rig Move	PRE TRIP INSPECTION. ROAD RIG FROM 13-22-22 TO LOCATION.
08:30	5.50	14:00	GOP	General Operations	SLIDE ROTO OUT. SPOT IN AND RUSU. X-O FOR TBG. RU PUMP AND TANK TO KILL WELL. PMP 260 BBLS DONW TBG. ND TREE. NU BOP. RU FLOOR AND TONGS. RU AND KILL CSG. UNLANG TBG.
14:00	1.50	15:30	DTIM	Downtime	TONGS BROKE. R&M
15:30	1.00	16:30	PULT	Pull Tubing	POOH W/ 80-JTS TBG. SECURE WELL. DRAIN PMP AND TANK.
16:30	13.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 2/5/2013 06:00 - 2/6/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	10.50	17:30	GOP	General Operations	JSA. BLEED OFF WELL. OPEN UP BOP. CONT POOH W/ 2-7/8" TBG. XPOVER FOR 2-3/8". WAIT FOR HOT OILER. FLUSH 2-3/8" W/ 25 BBLS. POOH AS LD 109-JTS 2-3/8". MU PROD BHA. RIH W/ 246-JTS 2-7/8" TBG IN DERRICK. SECURE WELL FOR NIGHT. MOVE 2-3/8" TBG. SPOT IN 2-7/8" TBG. SDFN
17:30	12.50	06:00	GOP	General Operations	CREW TRAVEL. WELL SECURE FOR NIGHT.

FD 15-7-2-2 2/6/2013 06:00 - 2/7/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.00	08:00	GOP	General Operations	Travel
08:00	2.00	10:00	RUTB	Run Tubing	P/u 44 jts N/d bop Set ahcor w/ 20k tension n/u well head IN HOLE HANGER 288 JTS ANCHOR 7" 2 JTS SEAT NIPPLE 4' 4 1/2 DESANDER X-OVER 6 JTS 2 3/8 BULL PLUG
10:00	1.00	11:00	HOIL	Hot Oil Well	FLUSH TUBING W/ 60 BBLS
11:00	1.00	12:00	CTUW	W/L Operation	RIH W/ SLICK LINE FISH COLLAR STOP
12:00	2.00	14:00	RURP	Run Rods & Pump	P/U PUMP AND 2 RODS PUMP HUNG UP FELL SHEARED SHEAR TOLL DROP PUMP
14:00	3.00	17:00	RURP	RUN RODS	P/U FISHING TOOL RIH W/ RODS STACK OUT @ 1700' POOH NITHING ON OVER SHOT P/U 2" OVERSHOT RIH TO 1700 GET THRU TIGHT SPOT P/U POLISH ROD
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

FD 15-7-2-2 2/7/2013 06:00 - 2/8/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	5.00	12:00	RURP	Run Rods	RIH P/U RODS LATCH ON TO PUMP UNSEAT
12:00	3.00	15:00	PURP	Pull Rod Pump	POOH W/ RODS LAY DOWN PUMP
15:00	1.00	16:00	GOP	General Operations	WAIT ON PUMP

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
16:00	2.00	18:00	RURP	Run Rods & Pump	RIH W/ PUMP 1" RODS 3/4 & 7/8 P/U POLISH ROD SWIFN
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	DOWN TIL MORNING

FD 15-7-2-2 2/8/2013 06:00 - 2/9/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	GOP	General Operations	TRAVEL
07:00	5.00	12:00	RURP	Run Rods & Pump	FINISHING RUNNING IN HOLE W/ RODS SAPCE OUT FILL W/ 10 BBLs AND TEST CLAMP OFF R/D DOWN SLIDE IN ROTOFLEX HANG OFF TURN OVER TO PRODUCTION IN HOLE 44' POLISH ROD 4' 6' 8' SUBS 103 1" MMS 4 PER 153 7/8 MMS 4 PER 1625 3/4 MMS 4 PER 44 1" MMS 4 PER 1 3/4 PUMP 40.5'
12:00	18.00	06:00	GOP	General Operations	ON PRODUCTION

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: FD 15-7-2-2	
2. NAME OF OPERATOR: BILL BARRETT CORP	9. API NUMBER: 43047522270000	
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300, Denver, CO, 80202	PHONE NUMBER: 303 312-8164 Ext	9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U	COUNTY: UINTAH	
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/10/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC hereby requests permission to recomplete the wasatch formation. The objective is to pull existing rods and tubing, set CIBP above existing perforations and T&A Lower Wasatch. Perforate and frac per the procedures that are attached. Drill out all CBP's, clean out well to CIBP, run tubing and return well to production. Please contact Brady Riley at 303-312-8115 with questions.

**Approved by the
Utah Division of
Oil, Gas and Mining**

Date: April 04, 2013

By: DeK Duff

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A		DATE 4/3/2013



FD 15-7-2-2
RECOMPLETE PROCEDURES
Section 7-T2S-R2E
API # 43-013-52227

April 3, 2013

AFE # 16628R

OBJECTIVE

Prepare wellbore for Wasatch recomplete. Pull existing rods and tubing, set CIBP above existing perforations and T&A Lower Wasatch. Perforate and frac per the procedure below. Drill out all CBP's, clean out well to CIBP, run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 17,693 BBL's
Acid: 21,100 Gallons 15% HCL to be supplied by the service company
Proppant: 450,000 lbs 20/40 SLC, 450,000 lbs 20/40 White, and 48,000 lbs 100 Mesh
White

CURRENT WELL STATUS

Currently the well is producing 34 BOPD, 23 BWPD, and 62 MCFD.

COMPLETION PROCEDURE

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up. Be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's superheated fresh water using workover rig pump.



7. RDMO workover rig and associated equipment.
8. MIRU WL unit and lubricator.
9. RIH with gage ring to 11,600'.
10. RIH with CIBP set at 11,600' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CIBP to 6,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 5 of Wasatch:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 5					CIBP	11,600
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	11279	11280	3	120		
	11291	11292	3	120		
	11308	11309	3	120		
	11329	11330	3	120		
	11343	11344	3	120		
	11349	11350	3	120		
	11358	11359	3	120		
	11365	11366	3	120		
	11386	11387	3	120		
	11403	11404	3	120		
	11416	11417	3	120		
	11432	11433	3	120		
	11441	11442	3	120		
	11465	11466	3	120		
	11479	11480	3	120		
	11491	11492	3	120		
	11515	11516	3	120		
	11525	11526	3	120		
Total			54			

14. MIRU & spot Halliburton frac equipment.
15. Pressures test all lines to 10,000 psi.
16. Frac interval # 5 per designs.

17. PU & RIH with 5" 10K frac plug and perforating guns.

18. Set frac plug @ 11,266'

19. Perforate Stage 6 of Wasatch as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 6					#1 10 K	11,266
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	10952	10953	3	120		
	10971	10972	3	120		
	10997	10998	3	120		
	11009	11010	3	120		
	11027	11028	3	120		
	11059	11060	3	120		
	11084	11085	3	120		
	11098	11099	3	120		
	11112	11113	3	120		
	11143	11144	3	120		
	11163	11164	3	120		
	11179	11180	3	120		
	11205	11206	3	120		
	11231	11232	3	120		
	11245	11246	3	120		
Total			45			

20. Frac interval #6 per design.

21. PU & RIH with 5" 10K frac plug and perforating guns.

22. Set Frac Plug @ 10,928'.

23. Perforate Stage 7 of Wasatch as follows:



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 7					#2 10 K	10,928
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	10615	10616	3	120		
	10635	10636	3	120		
	10649	10650	3	120		
	10676	10677	3	120		
	10693	10694	3	120		
	10733	10734	3	120		
	10769	10770	3	120		
	10799	10800	3	120		
	10812	10813	3	120		
	10841	10842	3	120		
	10853	10854	3	120		
	10864	10865	3	120		
	10879	10880	3	120		
	10889	10890	3	120		
	10907	10908	3	120		
Total			45			

24. Frac Wasatch interval #7 per design.

25. PU & RIH with 5" 10K frac plug and perforating guns.

26. Set frac plug @ 10,590'

27. Perforate Stage 8 of Wasatch as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 8					#3 10 K	10,590
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	10286	10287	3	120		
	10296	10297	3	120		
	10326	10327	3	120		
	10345	10346	3	120		
	10372	10373	3	120		
	10392	10393	3	120		
	10409	10410	3	120		
	10431	10432	3	120		
	10453	10455	6	120		
	10467	10468	3	120		
	10495	10496	3	120		
	10535	10536	3	120		
	10569	10570	3	120		
Total			42			

28. Frac interval #8 per design.

29. PU & RIH with 5" 10K frac plug and perforating guns.

30. Set frac plug @ 10,278'

31. Perforate Stage 9 of Wasatch as follows:

	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 9					#4 10 K	10,278
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	9989	9990	3	120		
	10013	10014	3	120		
	10025	10026	3	120		
	10044	10045	3	120		
	10082	10083	3	120		
	10097	10098	3	120		
	10140	10141	3	120		
	10155	10156	3	120		
	10167	10168	3	120		
	10196	10197	3	120		
	10219	10220	3	120		
	10227	10228	3	120		
	10237	10238	3	120		
	10257	10258	3	120		
Total			42			

32. Frac Wasatch interval #9 per design.

33. PU & RIH with 5" 10K frac plug and perforating guns.

34. Set frac plug @ 9,979'

35. Perforate Stage 10 of Wasatch as follows:



	FROM	TO	SHOTS	Phasing	FRAC PLUG	Frac Plug Depth
STAGE 10					#5 10 K	9,979
GUN SYSTEM	3 1/8					
CHARGE	3104 PJO					
	9750	9751	3	120		
	9765	9766	3	120		
	9793	9794	3	120		
	9811	9812	3	120		
	9820	9821	3	120		
	9843	9844	3	120		
	9866	9867	3	120		
	9887	9888	3	120		
	9905	9906	3	120		
	9914	9915	3	120		
	9932	9933	3	120		
	9958	9959	3	120		
Total			36			

36. Frac Wasatch interval #10 per design.

37. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.

38. Open well up to flowback equipment and await further instructions

CASING DATA

STRING	SIZE	WEIGHT	GRADE	DEPTH
Surface	9-5/8"	36#	J-55	3,521'
Intermediate	7"	26#	P-110	9,621'
Production	5"	18#	P-110	12,855'

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/22/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER	
	OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached are the actual procedures for the recomplete of the FD 15-7-2-2 that took place between 3/4/2013 and 4/22/2013. A revised completion report will follow this sundry. Please contact Brady Riley at 303-312-8115 with questions.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 29, 2013		
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 4/29/2013	

**FD 15-7-2-2 3/4/2013 06:00 - 3/5/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30	RMOV	Rig Move	ROAD RIG F/ VERNAL TO LOCATION.
09:30	4.50	14:00	SRIG	Rig Up/Down	SLIDE BACK UNIT. R/U RIG & EQUIPMENT. UNSEAT PUMP. FLUSH TBG. POOH W/ ROD PUMP.
14:00	4.50	18:30	BOPI	Install BOP's	R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR & EQUIPMENT. SDFN. CSG OPEN TO SALES.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 3/5/2013 06:00 - 3/6/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	4.50	11:30	PULT	Pull Tubing	POOH W/ TAC & BHA.
11:30	6.50	18:00	RUTB	Run Tubing	P/U NEW BHA. RIH W/ 7" 8RD TAC. N/D BOP. SET TAC @ 9220'. S/N @ 12,392'. EOT @ 12,606'. R/U WELLHEAD & ROD EQUIPMENT. CSG OPEN TO SALES. SDFN. 290 JTS 2-7/8 TBG. 7" TAC 8RD. 20 K TENSION 1 JT 2-7/8 TBG. X-0 2-7/8 x 2-3/8 99 JTS 2-3/8 TBG. S/N. 4' PUP. DESANDER. 6 JTS 2-3/8 TBG. BULL PLUG.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 3/6/2013 06:00 - 3/7/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	GOP	General Operations	R/U D&M. FLUSH TBG MIX W/ CHEM.
08:00	10.50	18:30	RURP	Run Rods & Pump	P/U INSERT PUMP & PRIME. RIH W/ ROD PUMP. SPACE OUT & SEAT PUMP. FILL TBG & TEST TBG TO 800 PSI, HELD. 44' POLISH ROD. PONY. 4', 6'. 122- 1" RODS. WG 161- 7/8" RODS. WG 153- 3/4" RODS. WG 60- 7/8" RODS. WG SHEAR SUB. PUMP 25-150-RHBC-36-5-36'.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE

FD 15-7-2-2 3/7/2013 06:00 - 3/8/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30	SRIG	Rig Up/Down	SPACE OUT & SEAT PUMP. R/D RIG & EQUIPMENT. SLIDE IN UNIT. PUT WELL ON PRODUCTION. MOL.
09:30	20.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

**FD 15-7-2-2 4/12/2013 06:00 - 4/13/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Finish Setting Frac Line/Fill. Rig Up FlowBack And SandTrap To FBT's.

FD 15-7-2-2 4/13/2013 06:00 - 4/14/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com

FD 15-7-2-2 4/13/2013 06:00 - 4/14/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILLING FRAC LINE.

FD 15-7-2-2 4/14/2013 06:00 - 4/15/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILLING FRAC LINE.

FD 15-7-2-2 4/16/2013 06:00 - 4/17/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	SRIG	Rig Up/Down	SLIDE BACK PUMPING UNIT. R/U RIG & EQUIPMENT.
07:00	2.00	09:00	GOP	General Operations	R/U WILLIES HOT OILER. FLUSH CSG W/ 70 BBLS. UNSEAT PUMP. FLUSH TBG W/ 60 BBLS.
09:00	3.50	12:30	PURP	Pull Rod Pump	START POOH L/D RODS. 119- 1" & 92-3/4". SDFN. CSG OPEN TO SALES.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 4/17/2013 06:00 - 4/18/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. FLUSH RODS.
07:00	4.00	11:00	PURP	Pull Rod Pump	CONT POOH AS LD RODS. FLUSHING AS NEEDED. LD PUMP. RODS OUT 1-1/2" X 40' POL ROD 4' X 1" PONY 119) 1" W/ 4G 161) 7/8" W/ 4G 153) 3/4" W/ 4G 60) 7/8" W/ 4G 2" X 1-1/2" X 36' RHBC
11:00	1.00	12:00	BOPI	Install BOP's	PU ON HANGER AND ADD SUB. LAND HANGER. NU BOP. RU FLOOR AND TBG EQUIP. PU ON HANGER AND RELEASE TAC.
12:00	6.00	18:00	PULT	Pull Tubing	POOH AS LD 290-JTS 2-7/8" TBG, LD7" TAC. SECURE WELL FOR NIGHT.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL TURNED TO TREATER FOR NIGHT.

FD 15-7-2-2 4/18/2013 06:00 - 4/19/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	2.00	09:00	PULT	Pull Tubing	HSM. FLUSH TBG. CONT POOH AS LD 2-3/8" TBG AND PROD BHA. START PUMPING HOT WTR DOWN CSG WHEN OUT OF HOLE. (CONT PUMPING WHILE RUNNING GR/JB) TOTAL TBG OUT 290-JTS 2-7/8" 7" TAC 1-JT 2-7/8" X-OVER 98-JTS 2-3/8" PSN 4' TBG SUB DESANDER 6-JTS 2-3/8" BULL PLUG
09:00	1.00	10:00	GOP	General Operations	MOVE OUT CATWALK. MIRU POINEER EWL.
10:00	2.50	12:30	WLWK	Wireline	PU 3.875" GR/JB AND RIH THRU 5" LT AT 9317' TO 11,607'. GOOD. POOH W/ GR/JB. PU 5" 18# CIBP AND SETTING TOOL. RIH. CORRELATED TO HALCO COMBO LOG DATED 11/28/12 AND SLB CBL/GR/TEMP/CCL DATED 12/8/12 AND LINER TOP AT 9325'. SET CIBP AT 11,590'. POOH. POUR 30 GAL DIESEL DOWN CSG.
12:30	2.50	15:00	PTST	Pressure Test	START FILLING CSG AS RD PIONEER. RDSU. FILL CSG W/ 125 BBLs. FL AT 3250'. PRES TEST TO 2000 PSI. GOOD. BLEED OFF PRES. ND BOP. NU 7" 10K FRAC VALVES. PRES TEST TO 8450 PSI. GOOD. PRES TEST FB EQUIP.
15:00	1.50	16:30	RMOV	Rig Move	ROAD RIG TOWARDS 5-2D-36.
16:30	13.50	06:00			WELL SHUT IN AND SECURE

FD 15-7-2-2 4/19/2013 06:00 - 4/20/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	WSI And Secured. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
08:30	1.50	10:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Perforate Stage 5 Wasatch Zone, 11,279 - 11,526'. 54 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
10:00	4.00	14:00	SRIG	Rig Up/Down	HES Riggig Up
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

FD 15-7-2-2 4/20/2013 06:00 - 4/21/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 21 Open Well, 123 Psi. ICP. BrokeDown At 10.0 Bpm And 4,583 Psi.. Pump 3900 Gals. 15% HCL And 108 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.5 Bpm And 6,049 Psi., Get ISIP, 4,215 Psi.. 0.81 Psi./Ft. F.G.. 36/54 Holes. Con't With SlickWater Pad, 24,359 Gals.. Stage Into .5# 100 Mesh Pad, 70.2 Bpm At 5,817 Psi.. On Perfs, 70.3 Bpm At 5,753 Psi., 16,188 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.3 Bpm At 5,743 Psi.. On Perfs, 70.4 Bpm At 5,400 Psi., 8,604 Gals. Stage Into 3.0# 20/40 CRC Prop, 70.1 Bpm At 5,731 Psi.. On Perfs, 70.3 Bpm At 5,242 Psi., 14,936 Gals. Stage Into 3.5# 20/40 CRC Prop, 70.3 Bpm At 5,312 Psi.. On Perfs, 70.3 Bpm At 5,217 Psi., 16,365 Gals. Stage Into 4.0# 20/40 CRC Prop, 70.3 Bpm At 5,206 Psi.. On Perfs, 70.5 Bpm At 5,551 Psi., 8,981 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,679 Psi.. 0.85 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,100# Total 20/40 CRC Prop - 150,200# Total Clean - 129,608 Gals.. 3,086 Bbls.. BWTR - 3,229 Bbls. Max. Rate - 70.5 Bpm Avg. Rate - 70.3 Bpm Max. Psi. - 5,841 Psi. Avg. Psi. - 5,484 Psi.</p>
07:00	0.34	07:20	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
07:20	1.42	08:45	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 11,264'. 3,800 Psi.. Perforate Stage 6 Wasatch Zone, 10,952 - 11,246'. 45 Holes. 3,800 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:45	0.42	09:10	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:10	1.33	10:30	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 21 Open Well, 3,789 Psi. ICP. BrokeDown At 7.5 Bpm And 5,274 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 63.5 Bpm And 6,187 Psi., Get ISIP, 4,040 Psi.. 0.80 Psi./Ft. F.G.. 38/45 Holes. Con't With SlickWater Pad, 23,361 Gals.. Stage Into .5# 100 Mesh Pad, 70.4 Bpm At 5,928 Psi.. On Perfs, 70.4 Bpm At 5,928 Psi., 16,167 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.8 Bpm At 5,915 Psi.. On Perfs, 71.1 Bpm At 5,335 Psi., 8,088 Gals. Stage Into 3.0# 20/40 CRC Prop, 70.9 Bpm At 5,883 Psi.. On Perfs, 71.2 Bpm At 5,019 Psi., 15,297 Gals. Stage Into 3.5# 20/40 CRC Prop, 71.2 Bpm At 5,056 Psi.. On Perfs, 71.5 Bpm At 4,848 Psi., 16,174 Gals. Stage Into 4.0# 20/40 CRC Prop, 71.5 Bpm At 4,852 Psi.. On Perfs, 71.3 Bpm At 5,387 Psi., 8,244 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,341 Psi.. 0.83 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,100# Total 20/40 CRC Prop - 144,000# Total Clean - 125,412 Gals.. 2,986 Bbls.. BWTR - 3,185 Bbls. Max. Rate - 73.3 Bpm Avg. Rate - 71.2 Bpm Max. Psi. - 6,039 Psi. Avg. Psi. - 5,407 Psi.</p>
10:30	0.25	10:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:45	1.42	12:10	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,923'. 4,000 Psi.. Perforate Stage 6 Wasatch Zone, 10,615 - 10,908'. 45 Holes. 3,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:10	0.25	12:25	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
12:25	1.33	13:45	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 21 Open Well, 3,780 Psi. ICP. BrokeDown At 10.0 Bpm And 4,039 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 57.3 Bpm And 6,204 Psi., Get ISIP, 3,683 Psi.. 0.78 Psi./Ft. F.G.. 23/45 Holes. Con't With SlickWater Pad, 23,317 Gals.. Stage Into .5# 100 Mesh Pad, 54.7 Bpm At 6,370 Psi.. On Perfs, 64.2 Bpm At 6,113 Psi., 16,190 Gals. Stage Into 2.0# 20/40 CRC Prop, 63.5 Bpm At 6,116 Psi.. On Perfs, 71.7 Bpm At 5,135 Psi., 8,033 Gals. Stage Into 3.0# 20/40 CRC Prop, 71.6 Bpm At 5,795 Psi.. On Perfs, 72.0 Bpm At 4,672 Psi., 14,541 Gals. Stage Into 3.5# 20/40 CRC Prop, 72.0 Bpm At 4,723 Psi.. On Perfs, 72.0 Bpm At 4,558 Psi., 16,875 Gals. Stage Into 4.0# 20/40 CRC Prop, 71.9 Bpm At 4,575 Psi.. On Perfs, 72.3 Bpm At 5,387 Psi., 9,824 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,729 Psi.. 0.78 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,000# Total 20/40 CRC Prop - 155,900# Total Clean - 128,102 Gals.. 3,050 Bbls.. BWTR - 3,220 Bbls. Max. Rate - 72.1 Bpm Avg. Rate - 68.0 Bpm Max. Psi. - 6,424 Psi. Avg. Psi. - 5,310 Psi.
13:45	0.17	13:55	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
13:55	1.33	15:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,590'. 3,800 Psi.. Perforate Stage 8 Wasatch Zone, 10,286 - 10,570'. 42 Holes. 3,400 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
15:15	0.25	15:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:30	1.33	16:50	FRAC	Frac. Job	<p>Frac Stage 8. Fluid System: Hybor G 18 Open Well, 3,410 Psi. ICP. BrokeDown At 11.8 Bpm And 3,572 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 58.5 Bpm And 5,590 Psi., Get ISIP, 3,372 Psi.. 0.76 Psi./Ft. F.G.. 28/42 Holes. Con't With SlickWater Pad, 23,551 Gals.. Stage Into .5# 100 Mesh Pad, 60.2 Bpm At 5,359 Psi.. On Perfs, 70.1 Bpm At 6,040 Psi., 16,205 Gals. Stage Into 2.0# 20/40 White Prop, 70.2 Bpm At 5,888 Psi.. On Perfs, 70.7 Bpm At 4,411 Psi., 7,820 Gals. Stage Into 3.0# 20/40 White Prop, 70.5 Bpm At 5,113 Psi.. On Perfs, 71.1 Bpm At 4,071 Psi., 15,151 Gals. Stage Into 3.5# 20/40 White Prop, 71.2 Bpm At 4,110 Psi.. On Perfs, 71.2 Bpm At 3,877 Psi., 16,637 Gals. Stage Into 4.0# 20/40 White Prop, 65.5 Bpm At 3,680 Psi.. On Perfs, 66.3 Bpm At 4,056 Psi., 8,693 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,544 Psi.. 0.78 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,000# Total 20/40 White Prop - 149,200# Total Clean - 126,022 Gals.. 3,000 Bbls.. BWTR - 3,161 Bbls. Max. Rate - 71.3 Bpm Avg. Rate - 69.3 Bpm Max. Psi. - 6,040 Psi. Avg. Psi. - 4,689 Psi.</p>
16:50	0.25	17:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
17:05	1.33	18:25	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,275'. 3,250 Psi.. Perforate Stage 9 Wasatch Zone, 9,989 - 10,258'. 42 Holes. 3,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
18:25	11.58	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

FD 15-7-2-2 4/21/2013 06:00 - 4/22/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.09	07:05	FRAC	Frac. Job	<p>Frac Stage 9. Fluid System: Hybor G 18 Open Well, 2,974 Psi. ICP. BrokeDown At 9.6 Bpm And 3,263 Psi.. Pump 3900 Gals. 15% HCL And 84 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.8 Bpm And 4,623 Psi., Get ISIP, 3,318 Psi.. 0.77 Psi./Ft. F.G.. 39/42 Holes. Con't With SlickWater Pad, 26,812 Gals.. Stage Into .5# 100 Mesh Pad, 71.7 Bpm At 4,410 Psi.. On Perfs, 72.3 Bpm At 4,446 Psi., 16,175 Gals. Stage Into 2.0# 20/40 White Prop, 72.4 Bpm At 4,465 Psi.. On Perfs, 72.5 Bpm At 3,982 Psi., 8,291 Gals. Stage Into 3.0# 20/40 White Prop, 72.0 Bpm At 4,349 Psi.. On Perfs, 69.8 Bpm At 3,712 Psi., 16,063 Gals. Stage Into 3.5# 20/40 White Prop, 69.7 Bpm At 3,722 Psi.. On Perfs, 70.6 Bpm At 3,537 Psi., 16,275 Gals. Stage Into 4.0# 20/40 White Prop, 70.7 Bpm At 3,533 Psi.. On Perfs, 70.7 Bpm At 3,826 Psi., 8,769 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,524 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,500# Total 20/40 White Prop - 149,800# Total Clean - 129,229 Gals.. 3,077 Bbls.. BWTR - 3,258 Bbls. Max. Rate - 72.6 Bpm Avg. Rate - 71.4 Bpm Max. Psi. - 4,474 Psi. Avg. Psi. - 3,974 Psi.</p>
07:05	0.17	07:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
07:15	1.25	08:30	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 9,972'. 3,050 Psi.. Perforate Stage 10 Wasatch Zone, 9,750 - 9,959'. 36 Holes. 2,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:30	0.17	08:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:40	1.17	09:51	FRAC	Frac. Job	<p>Frac Stage 10. Fluid System: Hybor G 18 Open Well, 2,865 Psi. ICP. BrokeDown At 9.9 Bpm And 2,998 Psi.. Pump 3900 Gals. 15% HCL And 72 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 60.2 Bpm And 5,490 Psi., Get ISIP, 3,011 Psi.. 0.74 Psi./Ft. F.G.. 33/36 Holes. Con't With SlickWater Pad, 27,088 Gals.. Stage Into .5# 100 Mesh Pad, 70.3 Bpm At 4,619 Psi.. On Perfs, 70.3 Bpm At 4,564 Psi., 16,211 Gals. Stage Into 2.0# 20/40 White Prop, 70.3 Bpm At 4,560 Psi.. On Perfs, 70.4 Bpm At 3,840 Psi., 8,090 Gals. Stage Into 3.0# 20/40 White Prop, 70.3 Bpm At 4,376 Psi.. On Perfs, 70.6 Bpm At 3,475 Psi., 15,994 Gals. Stage Into 3.5# 20/40 White Prop, 70.6 Bpm At 3,474 Psi.. On Perfs, 70.7 Bpm At 3,347 Psi., 16,237 Gals. Stage Into 4.0# 20/40 White Prop, 70.7 Bpm At 3,533 Psi.. On Perfs, 71.1 Bpm At 3,576 Psi., 8,809 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,158 Psi.. 0.76 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,400# Total 20/40 White Prop - 151,900# Total Clean - 128,426 Gals.. 3,058 Bbls.. BWTR - 3,244 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 70.5 Bpm Max. Psi. - 4,628 Psi. Avg. Psi. - 3,896 Psi.</p>
09:51	2.65	12:30	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL. WSI And Secured.
12:30	2.00	14:30	FBCK	Flowback Well	Well Turned Over To Delso. Open Up To FlowBack.
14:30	15.50	06:00	FBCK	Flowback Well	Well Turned To Production

**FD 15-7-2-2 4/22/2013 06:00 - 4/23/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	7.50	14:30	GOP	General Operations	ROAD RIG FROM KOCH FIELD TO LOCATION. SPOT RIG. WELL STARTED FLOWING BETTER ACORDING TO FBC. DECISION MADE TO FLOW WELL FOR THE DAY AND MONITOR. ND FRAC HEAD. SPOT CATWALK AND RACKS. MOVE TBG TO PICKUP. SECURE WELL. LEFT WITH FBC.
14:30	15.50	06:00	FBCK	Flowback Well	CREW TRAVEL. FLOW WELL TO SALES AND PRODUCTION.

FD 15-7-2-2 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	3.00	10:00	SRIG	Rig Up/Down	HSM. RUSU. WAIT ON PIONEER.
10:00	2.50	12:30	GOP	General Operations	RU PIONEER WIRELINE. PU 5" 5K HES CBP. EQUALIZE 1900 PSI. OPEN WELL. RIH AND SET CBP AT 9650'. BLEED OFF WELL AS POOH. RD PIONEER.
12:30	1.50	14:00	BOPI	Install BOP's	FINISH BLEED OFF PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR.
14:00	4.50	18:30	RUTB	Run Tubing	MU 4-1/2" BIT, BIT SUB, 1-JT 2-3/8" TBG, 1.87" XN (W/ PUMP THRU PLUG). RIH AS PU 79-JTS 2-3/8" TBG. THRU 5" LT AT 9325' W/ 213-JTS 2-7/8" TO TAG KILL PLUG AT 9650' W/ 223-JTS IN.
18:30	1.00	19:30	GOP	General Operations	RU PWR SWIVEL. FILL TBG AND PRES TEST TO 3000 PSI.
19:30	1.50	21:00	DOPG	Drill Out Plugs	PUMP 1 BPM. CHOKE TO 2000 PSI. D/O KILL PLUG AT 9650 IN 15 MIN. WELL FLOWING W/ 1900 PSI ON CSG. HANG PWR SWIVEL. POOH 12-JTS TO GET ABOVE LINER. HAVE 211-JTS 2-7/8" TBG. EOT AT 9286'.
21:00	9.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL TURNED OVER TO WALLS FBC TO PRODUCTION OVERNIGHT.

FD 15-7-2-2 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	BOPT	Pressure Test BOP's	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	RUTB	Run Tubing	FCP- 1600 ON 18/64 CHOKE. RIH F/ TOP OF 5" LINER TOP @ 9316' W/ 4-1/8 BIT TO CBP @ 9972'. R/U SWIVEL. BREAK CIRC.
08:00	5.50	13:30	DOPG	Drill Out Plugs	D/O 5" CBP @ 9972'. FCP- 1350 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,275. D/O PLUG. FCP- 1250 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,590. D/O PLUG. FCP- 1200 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,923. D/O PLUG. FCP- 1400 ON 18/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 11,264. D/O PLUG. FCP- 1350 ON 18/64 CHOKE. SWIVEL IN HOLE TAG SAND @ 11,500'. C/O SAND TO 5" CIBP @ 11,590'. CIRC WELL CLEAN. R/D SWIVEL.
13:30	1.00	14:30	BOPT	Pressure Test BOP's	PULL ABOVE LINER TOP L/D 2-7/8 TBG TO 9251' & LAND TBG.
14:30	1.00	15:30	IWHD	Install Wellhead	R/D FLOOR & EQUIPMENT. N/D BOP. N/U WELLHEAD.
15:30	1.00	16:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
16:30	1.00	17:30	CTUW	W/L Operation	R/U DELSCO. RIH & PULL XN PLUG @ 9216'. R/D DELSCO. TURN WELL OVER TO FLOW BACK.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8164 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/22/2013	<input checked="" type="checkbox"/> OTHER		
<input type="checkbox"/> SPUD REPORT Date of Spud:	OTHER: <input style="width: 100px;" type="text" value="re-perf"/>		
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Attached are the actual procedures for the reperf of the FD 15-7-2-2 that took place between 3/4/2013 and 4/22/2013. Re-perforated the Upper Wasatch between 9750'-11525' (261 holes). Please contact Brady Riley at 303-312-8115 with questions.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 May 02, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 5/2/2013	

**FD 15-7-2-2 3/4/2013 06:00 - 3/5/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30	RMOV	Rig Move	ROAD RIG F/ VERNAL TO LOCATION.
09:30	4.50	14:00	SRIG	Rig Up/Down	SLIDE BACK UNIT. R/U RIG & EQUIPMENT. UNSEAT PUMP. FLUSH TBG. POOH W/ ROD PUMP.
14:00	4.50	18:30	BOPI	Install BOP's	R/D WELLHEAD. RELEASE TAC. N/U BOP. R/U FLOOR & EQUIPMENT. SDFN. CSG OPEN TO SALES.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 3/5/2013 06:00 - 3/6/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	4.50	11:30	PULT	Pull Tubing	POOH W/ TAC & BHA.
11:30	6.50	18:00	RUTB	Run Tubing	P/U NEW BHA. RIH W/ 7" 8RD TAC. N/D BOP. SET TAC @ 9220'. S/N @ 12,392'. EOT @ 12,606'. R/U WELLHEAD & ROD EQUIPMENT. CSG OPEN TO SALES. SDFN. 290 JTS 2-7/8 TBG. 7" TAC 8RD. 20 K TENSION 1 JT 2-7/8 TBG. X-0 2-7/8 x 2-3/8 99 JTS 2-3/8 TBG. S/N. 4' PUP. DESANDER. 6 JTS 2-3/8 TBG. BULL PLUG.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 3/6/2013 06:00 - 3/7/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	GOP	General Operations	R/U D&M. FLUSH TBG MIX W/ CHEM.
08:00	10.50	18:30	RURP	Run Rods & Pump	P/U INSERT PUMP & PRIME. RIH W/ ROD PUMP. SPACE OUT & SEAT PUMP. FILL TBG & TEST TBG TO 800 PSI, HELD. 44' POLISH ROD. PONY. 4', 6'. 122- 1" RODS. WG 161- 7/8" RODS. WG 153- 3/4" RODS. WG 60- 7/8" RODS. WG SHEAR SUB. PUMP 25-150-RHBC-36-5-36'.
18:30	11.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE

FD 15-7-2-2 3/7/2013 06:00 - 3/8/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Initial Completion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30	SRIG	Rig Up/Down	SPACE OUT & SEAT PUMP. R/D RIG & EQUIPMENT. SLIDE IN UNIT. PUT WELL ON PRODUCTION. MOL.
09:30	20.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE.

**FD 15-7-2-2 4/12/2013 06:00 - 4/13/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	Finish Setting Frac Line/Fill. Rig Up FlowBack And SandTrap To FBT's.

FD 15-7-2-2 4/13/2013 06:00 - 4/14/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com

FD 15-7-2-2 4/13/2013 06:00 - 4/14/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILLING FRAC LINE.

FD 15-7-2-2 4/14/2013 06:00 - 4/15/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILLING FRAC LINE.

FD 15-7-2-2 4/16/2013 06:00 - 4/17/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	SRIG	Rig Up/Down	SLIDE BACK PUMPING UNIT. R/U RIG & EQUIPMENT.
07:00	2.00	09:00	GOP	General Operations	R/U WILLIES HOT OILER. FLUSH CSG W/ 70 BBLS. UNSEAT PUMP. FLUSH TBG W/ 60 BBLS.
09:00	3.50	12:30	PURP	Pull Rod Pump	START POOH L/D RODS. 119- 1" & 92-3/4". SDFN. CSG OPEN TO SALES.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

FD 15-7-2-2 4/17/2013 06:00 - 4/18/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM. FLUSH RODS.
07:00	4.00	11:00	PURP	Pull Rod Pump	CONT POOH AS LD RODS. FLUSHING AS NEEDED. LD PUMP. RODS OUT 1-1/2" X 40' POL ROD 4' X 1" PONY 119) 1" W/ 4G 161) 7/8" W/ 4G 153) 3/4" W/ 4G 60) 7/8" W/ 4G 2" X 1-1/2" X 36' RHBC
11:00	1.00	12:00	BOPI	Install BOP's	PU ON HANGER AND ADD SUB. LAND HANGER. NU BOP. RU FLOOR AND TBG EQUIP. PU ON HANGER AND RELEASE TAC.
12:00	6.00	18:00	PULT	Pull Tubing	POOH AS LD 290-JTS 2-7/8" TBG, LD7" TAC. SECURE WELL FOR NIGHT.
18:00	12.00	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL TURNED TO TREATER FOR NIGHT.

FD 15-7-2-2 4/18/2013 06:00 - 4/19/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
07:00	2.00	09:00	PULT	Pull Tubing	HSM. FLUSH TBG. CONT POOH AS LD 2-3/8" TBG AND PROD BHA. START PUMPING HOT WTR DOWN CSG WHEN OUT OF HOLE. (CONT PUMPING WHILE RUNNING GR/JB) TOTAL TBG OUT 290-JTS 2-7/8" 7" TAC 1-JT 2-7/8" X-OVER 98-JTS 2-3/8" PSN 4' TBG SUB DESANDER 6-JTS 2-3/8" BULL PLUG
09:00	1.00	10:00	GOP	General Operations	MOVE OUT CATWALK. MIRU POINEER EWL.
10:00	2.50	12:30	WLWK	Wireline	PU 3.875" GR/JB AND RIH THRU 5" LT AT 9317' TO 11,607'. GOOD. POOH W/ GR/JB. PU 5" 18# CIBP AND SETTING TOOL. RIH. CORRELATED TO HALCO COMBO LOG DATED 11/28/12 AND SLB CBL/GR/TEMP/CCL DATED 12/8/12 AND LINER TOP AT 9325'. SET CIBP AT 11,590'. POOH. POUR 30 GAL DIESEL DOWN CSG.
12:30	2.50	15:00	PTST	Pressure Test	START FILLING CSG AS RD PIONEER. RDSU. FILL CSG W/ 125 BBLs. FL AT 3250'. PRES TEST TO 2000 PSI. GOOD. BLEED OFF PRES. ND BOP. NU 7" 10K FRAC VALVES. PRES TEST TO 8450 PSI. GOOD. PRES TEST FB EQUIP.
15:00	1.50	16:30	RMOV	Rig Move	ROAD RIG TOWARDS 5-2D-36.
16:30	13.50	06:00			WELL SHUT IN AND SECURE

FD 15-7-2-2 4/19/2013 06:00 - 4/20/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	2.50	08:30	LOCL	Lock Wellhead & Secure	WSI And Secured. Wireline Crew Arrive On Location. Hold Safety Meeting. Rig Up Lubricator, Arm Gun.
08:30	1.50	10:00	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Perforate Stage 5 Wasatch Zone, 11,279 - 11,526'. 54 Holes. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
10:00	4.00	14:00	SRIG	Rig Up/Down	HES Rigging Up
14:00	16.00	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

FD 15-7-2-2 4/20/2013 06:00 - 4/21/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	FRAC	Frac. Job	<p>Frac Stage 5. Fluid System: Hybor G 21 Open Well, 123 Psi. ICP. BrokeDown At 10.0 Bpm And 4,583 Psi.. Pump 3900 Gals. 15% HCL And 108 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.5 Bpm And 6,049 Psi., Get ISIP, 4,215 Psi.. 0.81 Psi./Ft. F.G.. 36/54 Holes. Con't With SlickWater Pad, 24,359 Gals.. Stage Into .5# 100 Mesh Pad, 70.2 Bpm At 5,817 Psi.. On Perfs, 70.3 Bpm At 5,753 Psi., 16,188 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.3 Bpm At 5,743 Psi.. On Perfs, 70.4 Bpm At 5,400 Psi., 8,604 Gals. Stage Into 3.0# 20/40 CRC Prop, 70.1 Bpm At 5,731 Psi.. On Perfs, 70.3 Bpm At 5,242 Psi., 14,936 Gals. Stage Into 3.5# 20/40 CRC Prop, 70.3 Bpm At 5,312 Psi.. On Perfs, 70.3 Bpm At 5,217 Psi., 16,365 Gals. Stage Into 4.0# 20/40 CRC Prop, 70.3 Bpm At 5,206 Psi.. On Perfs, 70.5 Bpm At 5,551 Psi., 8,981 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,679 Psi.. 0.85 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,100# Total 20/40 CRC Prop - 150,200# Total Clean - 129,608 Gals.. 3,086 Bbls.. BWTR - 3,229 Bbls. Max. Rate - 70.5 Bpm Avg. Rate - 70.3 Bpm Max. Psi. - 5,841 Psi. Avg. Psi. - 5,484 Psi.</p>
07:00	0.34	07:20	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
07:20	1.42	08:45	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 11,264'. 3,800 Psi.. Perforate Stage 6 Wasatch Zone, 10,952 - 11,246'. 45 Holes. 3,800 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:45	0.42	09:10	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
09:10	1.33	10:30	FRAC	Frac. Job	<p>Frac Stage 6. Fluid System: Hybor G 21 Open Well, 3,789 Psi. ICP. BrokeDown At 7.5 Bpm And 5,274 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 63.5 Bpm And 6,187 Psi., Get ISIP, 4,040 Psi.. 0.80 Psi./Ft. F.G.. 38/45 Holes. Con't With SlickWater Pad, 23,361 Gals.. Stage Into .5# 100 Mesh Pad, 70.4 Bpm At 5,928 Psi.. On Perfs, 70.4 Bpm At 5,928 Psi., 16,167 Gals. Stage Into 2.0# 20/40 CRC Prop, 70.8 Bpm At 5,915 Psi.. On Perfs, 71.1 Bpm At 5,335 Psi., 8,088 Gals. Stage Into 3.0# 20/40 CRC Prop, 70.9 Bpm At 5,883 Psi.. On Perfs, 71.2 Bpm At 5,019 Psi., 15,297 Gals. Stage Into 3.5# 20/40 CRC Prop, 71.2 Bpm At 5,056 Psi.. On Perfs, 71.5 Bpm At 4,848 Psi., 16,174 Gals. Stage Into 4.0# 20/40 CRC Prop, 71.5 Bpm At 4,852 Psi.. On Perfs, 71.3 Bpm At 5,387 Psi., 8,244 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 4,341 Psi.. 0.83 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,100# Total 20/40 CRC Prop - 144,000# Total Clean - 125,412 Gals.. 2,986 Bbls.. BWTR - 3,185 Bbls. Max. Rate - 73.3 Bpm Avg. Rate - 71.2 Bpm Max. Psi. - 6,039 Psi. Avg. Psi. - 5,407 Psi.</p>
10:30	0.25	10:45	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
10:45	1.42	12:10	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,923'. 4,000 Psi.. Perforate Stage 6 Wasatch Zone, 10,615 - 10,908'. 45 Holes. 3,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
12:10	0.25	12:25	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
12:25	1.33	13:45	FRAC	Frac. Job	Frac Stage 7. Fluid System: Hybor G 21 Open Well, 3,780 Psi. ICP. BrokeDown At 10.0 Bpm And 4,039 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 57.3 Bpm And 6,204 Psi., Get ISIP, 3,683 Psi.. 0.78 Psi./Ft. F.G.. 23/45 Holes. Con't With SlickWater Pad, 23,317 Gals.. Stage Into .5# 100 Mesh Pad, 54.7 Bpm At 6,370 Psi.. On Perfs, 64.2 Bpm At 6,113 Psi., 16,190 Gals. Stage Into 2.0# 20/40 CRC Prop, 63.5 Bpm At 6,116 Psi.. On Perfs, 71.7 Bpm At 5,135 Psi., 8,033 Gals. Stage Into 3.0# 20/40 CRC Prop, 71.6 Bpm At 5,795 Psi.. On Perfs, 72.0 Bpm At 4,672 Psi., 14,541 Gals. Stage Into 3.5# 20/40 CRC Prop, 72.0 Bpm At 4,723 Psi.. On Perfs, 72.0 Bpm At 4,558 Psi., 16,875 Gals. Stage Into 4.0# 20/40 CRC Prop, 71.9 Bpm At 4,575 Psi.. On Perfs, 72.3 Bpm At 5,387 Psi., 9,824 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,729 Psi.. 0.78 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,000# Total 20/40 CRC Prop - 155,900# Total Clean - 128,102 Gals.. 3,050 Bbls.. BWTR - 3,220 Bbls. Max. Rate - 72.1 Bpm Avg. Rate - 68.0 Bpm Max. Psi. - 6,424 Psi. Avg. Psi. - 5,310 Psi.
13:45	0.17	13:55	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
13:55	1.33	15:15	PFRT	Perforating	RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,590'. 3,800 Psi.. Perforate Stage 8 Wasatch Zone, 10,286 - 10,570'. 42 Holes. 3,400 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.
15:15	0.25	15:30	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
15:30	1.33	16:50	FRAC	Frac. Job	<p>Frac Stage 8. Fluid System: Hybor G 18 Open Well, 3,410 Psi. ICP. BrokeDown At 11.8 Bpm And 3,572 Psi.. Pump 3900 Gals. 15% HCL And 90 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 58.5 Bpm And 5,590 Psi., Get ISIP, 3,372 Psi.. 0.76 Psi./Ft. F.G.. 28/42 Holes. Con't With SlickWater Pad, 23,551 Gals.. Stage Into .5# 100 Mesh Pad, 60.2 Bpm At 5,359 Psi.. On Perfs, 70.1 Bpm At 6,040 Psi., 16,205 Gals. Stage Into 2.0# 20/40 White Prop, 70.2 Bpm At 5,888 Psi.. On Perfs, 70.7 Bpm At 4,411 Psi., 7,820 Gals. Stage Into 3.0# 20/40 White Prop, 70.5 Bpm At 5,113 Psi.. On Perfs, 71.1 Bpm At 4,071 Psi., 15,151 Gals. Stage Into 3.5# 20/40 White Prop, 71.2 Bpm At 4,110 Psi.. On Perfs, 71.2 Bpm At 3,877 Psi., 16,637 Gals. Stage Into 4.0# 20/40 White Prop, 65.5 Bpm At 3,680 Psi.. On Perfs, 66.3 Bpm At 4,056 Psi., 8,693 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,544 Psi.. 0.78 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,000# Total 20/40 White Prop - 149,200# Total Clean - 126,022 Gals.. 3,000 Bbls.. BWTR - 3,161 Bbls. Max. Rate - 71.3 Bpm Avg. Rate - 69.3 Bpm Max. Psi. - 6,040 Psi. Avg. Psi. - 4,689 Psi.</p>
16:50	0.25	17:05	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
17:05	1.33	18:25	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 10,275'. 3,250 Psi.. Perforate Stage 9 Wasatch Zone, 9,989 - 10,258'. 42 Holes. 3,200 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
18:25	11.58	06:00	LOCL	Lock Wellhead & Secure	WSI And Secured. SDFD.

FD 15-7-2-2 4/21/2013 06:00 - 4/22/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	0.00	06:00	LOCL	Lock Wellhead & Secure	HES Crew On Location At 0400 Hrs., Prime Chemical And Fluid Pumps, Pressure Test To 9000 Psi., Ran QC On Fluid, Looks Good.
06:00	0.00	06:00	SMTG	Safety Meeting	Safety Meeting. Talk About Smoking Area, PPE, Escape And Mustering Areas, Communication, And Red Zone.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.09	07:05	FRAC	Frac. Job	<p>Frac Stage 9. Fluid System: Hybor G 18 Open Well, 2,974 Psi. ICP. BrokeDown At 9.6 Bpm And 3,263 Psi.. Pump 3900 Gals. 15% HCL And 84 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 70.8 Bpm And 4,623 Psi., Get ISIP, 3,318 Psi.. 0.77 Psi./Ft. F.G.. 39/42 Holes. Con't With SlickWater Pad, 26,812 Gals.. Stage Into .5# 100 Mesh Pad, 71.7 Bpm At 4,410 Psi.. On Perfs, 72.3 Bpm At 4,446 Psi., 16,175 Gals. Stage Into 2.0# 20/40 White Prop, 72.4 Bpm At 4,465 Psi.. On Perfs, 72.5 Bpm At 3,982 Psi., 8,291 Gals. Stage Into 3.0# 20/40 White Prop, 72.0 Bpm At 4,349 Psi.. On Perfs, 69.8 Bpm At 3,712 Psi., 16,063 Gals. Stage Into 3.5# 20/40 White Prop, 69.7 Bpm At 3,722 Psi.. On Perfs, 70.6 Bpm At 3,537 Psi., 16,275 Gals. Stage Into 4.0# 20/40 White Prop, 70.7 Bpm At 3,533 Psi.. On Perfs, 70.7 Bpm At 3,826 Psi., 8,769 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,524 Psi.. 0.79 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,500# Total 20/40 White Prop - 149,800# Total Clean - 129,229 Gals.. 3,077 Bbls.. BWTR - 3,258 Bbls. Max. Rate - 72.6 Bpm Avg. Rate - 71.4 Bpm Max. Psi. - 4,474 Psi. Avg. Psi. - 3,974 Psi.</p>
07:05	0.17	07:15	CTUW	W/L Operation	Well Turned Over To WireLine. Pick Up Gun String And CFP Plug Assembly. Equalize To Well Pressure.
07:15	1.25	08:30	PFRT	Perforating	<p>RIH With 3 1/8" PJ Omega 3104 Perf. Gun Configured At 120 Degree Phasing, 3 Spf, .36" Penetration Charges, 16 Gms., .44 Dia. Holes. Correlating To HES Dual Spaced Neutron/Spectral Density Dated 11-28-2012 And SLB CBL/CCL Dated 12-08-2012. Found And Correlated To Liner Top. Drop Down To Depth, Set CFP At 9,972'. 3,050 Psi.. Perforate Stage 10 Wasatch Zone, 9,750 - 9,959'. 36 Holes. 2,900 Psi.. POOH. LayDown Gun, Verify All Shots Fired, WSI And Secured.</p>
08:30	0.17	08:40	GOP	General Operations	Well Turned Over To HES. Pressure Test To 8500#. Equalize, Open To Well.
08:40	1.17	09:51	FRAC	Frac. Job	<p>Frac Stage 10. Fluid System: Hybor G 18 Open Well, 2,865 Psi. ICP. BrokeDown At 9.9 Bpm And 2,998 Psi.. Pump 3900 Gals. 15% HCL And 72 Bio Balls, Attempt BallOut. Let Balls Fall. Get Stabilized Injection Of 60.2 Bpm And 5,490 Psi., Get ISIP, 3,011 Psi.. 0.74 Psi./Ft. F.G.. 33/36 Holes. Con't With SlickWater Pad, 27,088 Gals.. Stage Into .5# 100 Mesh Pad, 70.3 Bpm At 4,619 Psi.. On Perfs, 70.3 Bpm At 4,564 Psi., 16,211 Gals. Stage Into 2.0# 20/40 White Prop, 70.3 Bpm At 4,560 Psi.. On Perfs, 70.4 Bpm At 3,840 Psi., 8,090 Gals. Stage Into 3.0# 20/40 White Prop, 70.3 Bpm At 4,376 Psi.. On Perfs, 70.6 Bpm At 3,475 Psi., 15,994 Gals. Stage Into 3.5# 20/40 White Prop, 70.6 Bpm At 3,474 Psi.. On Perfs, 70.7 Bpm At 3,347 Psi., 16,237 Gals. Stage Into 4.0# 20/40 White Prop, 70.7 Bpm At 3,533 Psi.. On Perfs, 71.1 Bpm At 3,576 Psi., 8,809 Gals. Stage Into Flush, Flush 15 Bbls. Over Bottom Perf.. Get ISDP, 3,158 Psi.. 0.76 Psi./Ft. F.G.. WSI And Secured. Total 100 Mesh - 8,400# Total 20/40 White Prop - 151,900# Total Clean - 128,426 Gals.. 3,058 Bbls.. BWTR - 3,244 Bbls. Max. Rate - 70.8 Bpm Avg. Rate - 70.5 Bpm Max. Psi. - 4,628 Psi. Avg. Psi. - 3,896 Psi.</p>
09:51	2.65	12:30	SRIG	Rig Up/Down	RigDown WireLine And Frac Crews, MOL. WSI And Secured.
12:30	2.00	14:30	FBCK	Flowback Well	Well Turned Over To Delso. Open Up To FlowBack.
14:30	15.50	06:00	FBCK	Flowback Well	Well Turned To Production

**FD 15-7-2-2 4/22/2013 06:00 - 4/23/2013 06:00**

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL.
07:00	7.50	14:30	GOP	General Operations	ROAD RIG FROM KOCH FIELD TO LOCATION. SPOT RIG. WELL STARTED FLOWING BETTER ACORDING TO FBC. DECISION MADE TO FLOW WELL FOR THE DAY AND MONITOR. ND FRAC HEAD. SPOT CATWALK AND RACKS. MOVE TBG TO PICKUP. SECURE WELL. LEFT WITH FBC.
14:30	15.50	06:00	FBCK	Flowback Well	CREW TRAVEL. FLOW WELL TO SALES AND PRODUCTION.

FD 15-7-2-2 4/23/2013 06:00 - 4/24/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL
07:00	3.00	10:00	SRIG	Rig Up/Down	HSM. RUSU. WAIT ON PIONEER.
10:00	2.50	12:30	GOP	General Operations	RU PIONEER WIRELINE. PU 5" 5K HES CBP. EQUALIZE 1900 PSI. OPEN WELL. RIH AND SET CBP AT 9650'. BLEED OFF WELL AS POOH. RD PIONEER.
12:30	1.50	14:00	BOPI	Install BOP's	FINISH BLEED OFF PRESSURE. ND FRAC VALVES. NU 7" 5K BOP AND HYDRIL. RU FLOOR.
14:00	4.50	18:30	RUTB	Run Tubing	MU 4-1/2" BIT, BIT SUB, 1-JT 2-3/8" TBG, 1.87" XN (W/ PUMP THRU PLUG). RIH AS PU 79-JTS 2-3/8" TBG. THRU 5" LT AT 9325' W/ 213-JTS 2-7/8" TO TAG KILL PLUG AT 9650' W/ 223-JTS IN.
18:30	1.00	19:30	GOP	General Operations	RU PWR SWIVEL. FILL TBG AND PRES TEST TO 3000 PSI.
19:30	1.50	21:00	DOPG	Drill Out Plugs	PUMP 1 BPM. CHOKE TO 2000 PSI. D/O KILL PLUG AT 9650 IN 15 MIN. WELL FLOWING W/ 1900 PSI ON CSG. HANG PWR SWIVEL. POOH 12-JTS TO GET ABOVE LINER. HAVE 211-JTS 2-7/8" TBG. EOT AT 9286'.
21:00	9.00	06:00	FBCK	Flowback Well	CREW TRAVEL. WELL TURNED OVER TO WALLS FBC TO PRODUCTION OVERNIGHT.

FD 15-7-2-2 4/24/2013 06:00 - 4/25/2013 06:00

API/UWI 43-047-52227	State/Province	County	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	BOPT	Pressure Test BOP's	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.00	08:00	RUTB	Run Tubing	FCP- 1600 ON 18/64 CHOKE. RIH F/ TOP OF 5" LINER TOP @ 9316' W/ 4-1/8 BIT TO CBP @ 9972'. R/U SWIVEL. BREAK CIRC.
08:00	5.50	13:30	DOPG	Drill Out Plugs	D/O 5" CBP @ 9972'. FCP- 1350 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,275. D/O PLUG. FCP- 1250 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,590. D/O PLUG. FCP- 1200 ON 20/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 10,923. D/O PLUG. FCP- 1400 ON 18/64 CHOKE. SWIVEL IN HOLE TO 5" CBP @ 11,264. D/O PLUG. FCP- 1350 ON 18/64 CHOKE. SWIVEL IN HOLE TAG SAND @ 11,500'. C/O SAND TO 5" CIBP @ 11,590'. CIRC WELL CLEAN. R/D SWIVEL.
13:30	1.00	14:30	BOPT	Pressure Test BOP's	PULL ABOVE LINER TOP L/D 2-7/8 TBG TO 9251' & LAND TBG.
14:30	1.00	15:30	IWHD	Install Wellhead	R/D FLOOR & EQUIPMENT. N/D BOP. N/U WELLHEAD.
15:30	1.00	16:30	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT.
16:30	1.00	17:30	CTUW	W/L Operation	R/U DELSCO. RIH & PULL XN PLUG @ 9216'. R/D DELSCO. TURN WELL OVER TO FLOW BACK.
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	CREW TRAVEL. WELL SECURE.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

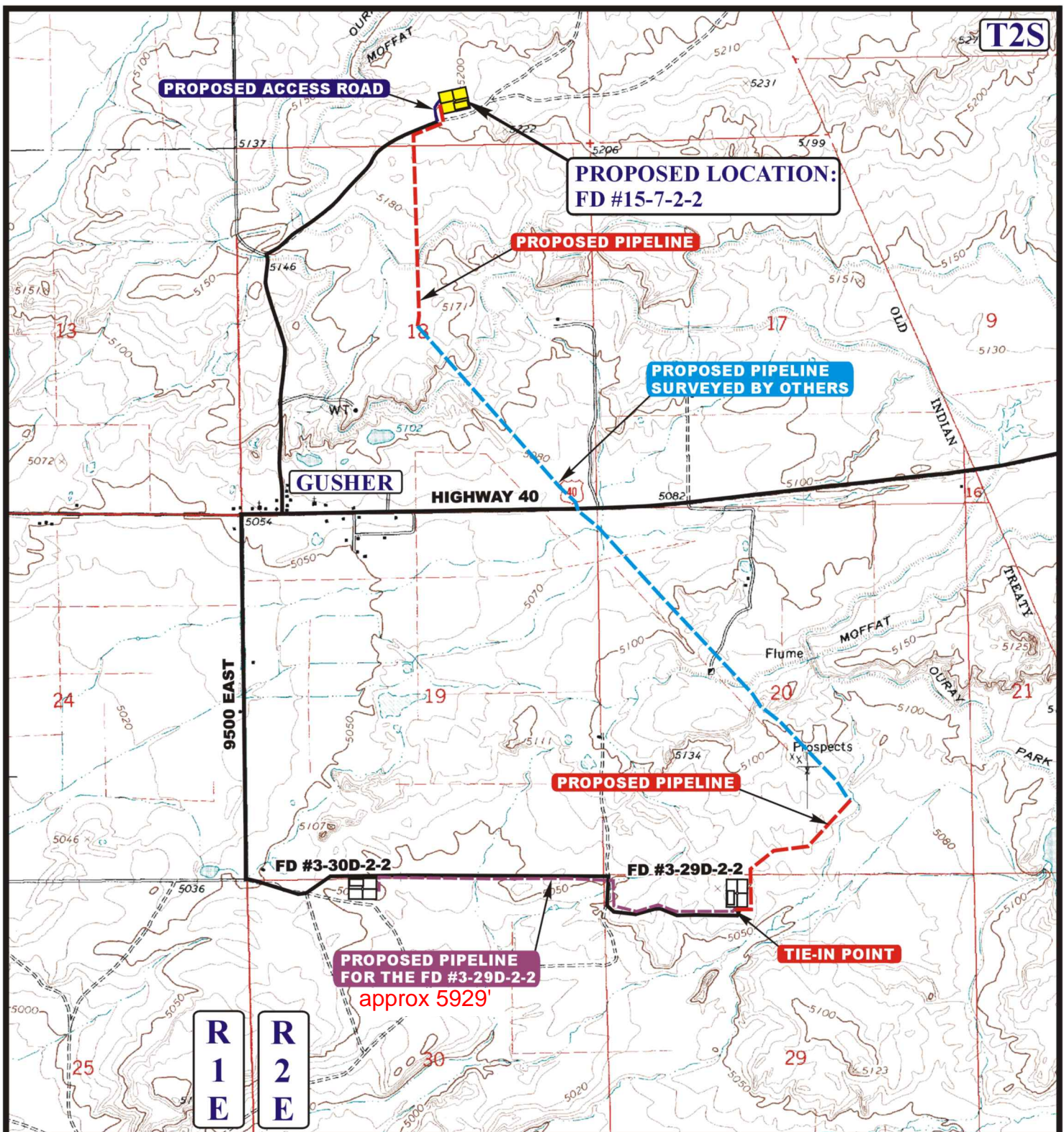
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/27/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			
OTHER: <input style="width: 100px;" type="text" value="PL installation"/>			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Approximately 11975' of pipeline corridor (See attached Topo D) containing up to three lines (one gas pipeline up to 8 inch in diameter, one water line up to 4 inch in diameter and one residue line up to 4 inch in diameter) is proposed trending southerly then westerly until reaching the tie in point at the existing FD 3-30D-2-2 location. Pipelines would be constructed of steel, polyethylene or fiberglass. The pipeline crosses entirely fee surface with surface use agreements in place (see attached). The PL installation will start early July.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 June 27, 2013

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 6/27/2013	



APPROXIMATE TOTAL PIPELINE DISTANCE = 6,046' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)
- - - - - PROPOSED PIPELINE (SURVEYED BY OTHERS)



BILL BARRETT CORPORATION

FD #15-7-2-2
SECTION 7, T2S, R2E, U.S.B.&M.
660' FSL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

01 06 12
 MONTH DAY YEAR

SCALE: 1" = 2000'

DRAWN BY: C.L.

REV: 05-16-13 A.T.



MEMORANDUM OF PIPELINE RIGHT-OF-WAY AGREEMENT

State of Utah)
)(SS
County of Uintah)(

For Ten Dollars (\$10.00) and other adequate consideration, **Vernon B. Richens, whose address is: P O Box 722, Ft. Duchesne, UT 84026** hereafter referred to as "Grantor" has granted a Pipeline Right-of-Way Agreement to **Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202**, hereafter referred to as "Aurora", dated **May 21, 2013**, for the purpose of laying pipeline on the following lands (the "Lands") in Uintah County Utah: **A tract of land lying in the NE/4NW/4 of Section 29, Township 2 South, Range 2 East, USM, Uintah County.**

This Memorandum is placed of record for the purpose of giving notice of the Pipeline Right-of-Way-Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 22nd day of May, 2013.

Grantor:

Vernon B. Richens
Vernon B. Richens

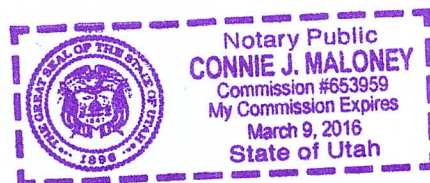
ACKNOWLEDGEMENT

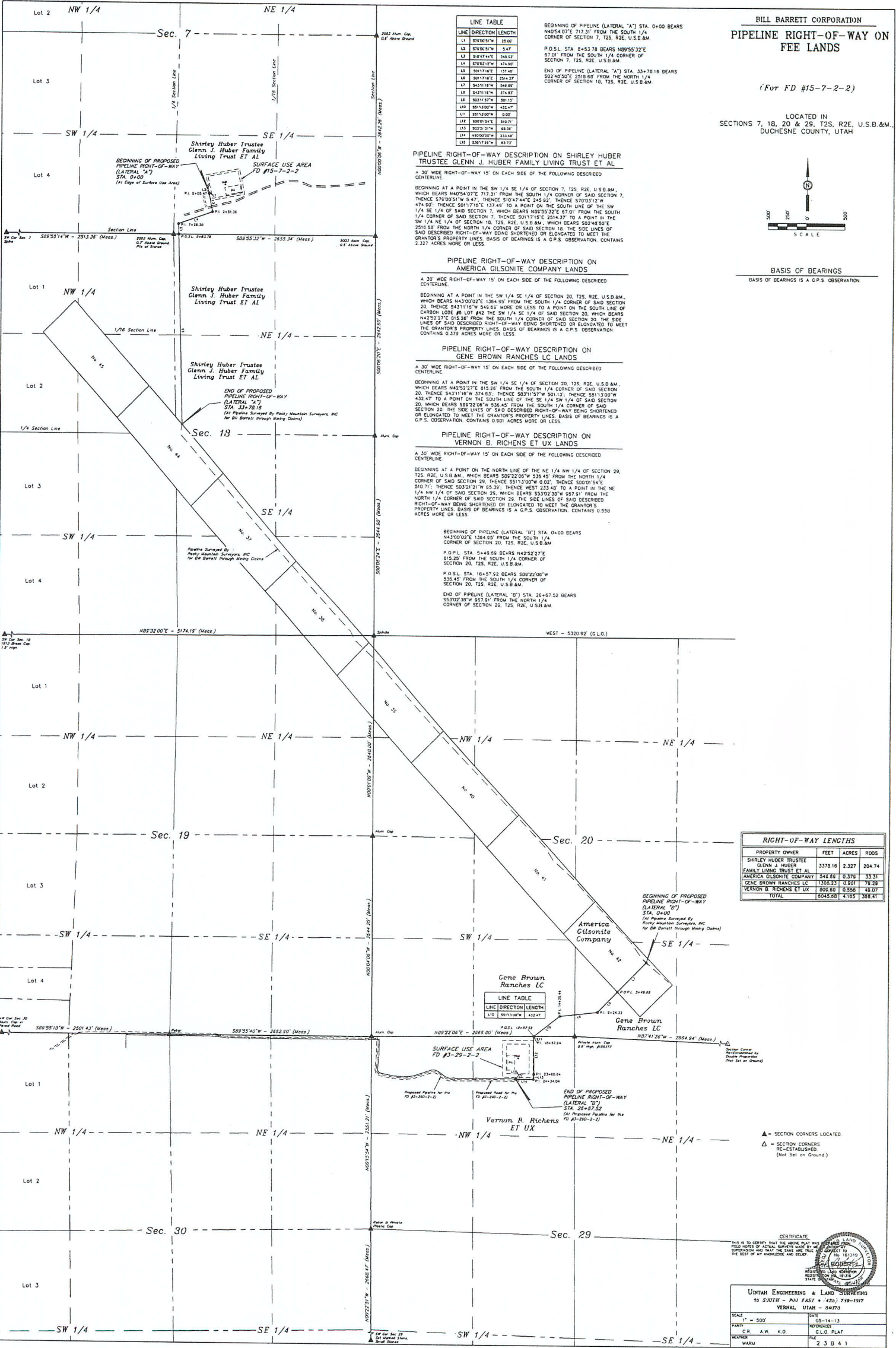
STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 2013, personally appeared **Vernon B. Richens**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that he executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Connie J. Maloney
Notary Public

Residing At: Uernal, Utah





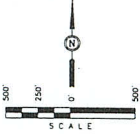
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S79°03'17\"	5.47
L2	S10°47'44\"	245.92
L3	S70°03'17\"	474.92
L4	S01°17'16\"	137.45
L5	S01°17'16\"	137.45
L6	S01°17'16\"	137.45
L7	S01°17'16\"	137.45
L8	S01°17'16\"	137.45
L9	S01°17'16\"	137.45
L10	S01°17'16\"	137.45
L11	S01°17'16\"	137.45
L12	S01°17'16\"	137.45
L13	S01°17'16\"	137.45
L14	S01°17'16\"	137.45
L15	S01°17'16\"	137.45

BEGINNING OF PIPELINE (LATERAL "A") STA. 0+00 BEARS N40°54'07\" FROM THE SOUTH 1/4 CORNER OF SECTION 7, T2S, R2E, U.S.B.&M.
P.O.S.L. STA. 8+53.70 BEARS N89°55'32\" 87'01\" FROM THE SOUTH 1/4 CORNER OF SECTION 7, T2S, R2E, U.S.B.&M.
END OF PIPELINE (LATERAL "A") STA. 33+70.19 BEARS S02°42'50\" 2316.68' FROM THE NORTH 1/4 CORNER OF SECTION 10, T2S, R2E, U.S.B.&M.

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY ON
FEE LANDS

(For FD #15-7-2-2)

LOCATED IN
SECTIONS 7, 18, 20 & 29, T2S, R2E, U.S.B.&M.
DUCHESE COUNTY, UTAH



BASIS OF BEARINGS
BASIS OF BEARINGS IS A C.P.S. OBSERVATION

PIPELINE RIGHT-OF-WAY DESCRIPTION ON SHIRLEY HUBER TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T2S, R2E, U.S.B.&M. WHICH BEARS N40°54'07\" 712.31' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE S79°03'17\" 5.47', THENCE S10°47'44\" 245.92', THENCE S70°03'17\" 474.92', THENCE S01°17'16\" 137.45' TO A POINT ON THE SOUTH LINE OF THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS N89°55'32\" 87'01\" FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE S01°17'16\" 2314.37' TO A POINT IN THE SW 1/4 SE 1/4 OF SECTION 10, T2S, R2E, U.S.B.&M. WHICH BEARS S02°42'50\" 2316.68' FROM THE NORTH 1/4 CORNER OF SAID SECTION 10, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 2.327 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON AMERICA GILSONITE COMPANY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 20, T2S, R2E, U.S.B.&M. WHICH BEARS N43°02'02\" 1364.95' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S43°11'15\" 546.55' MORE OR LESS TO A POINT ON THE SOUTH LINE OF CARBON LOSE #0 LOT #42 THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS N43°02'02\" 1364.95' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.379 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON GENE BROWN RANCHES LC LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 20, T2S, R2E, U.S.B.&M. WHICH BEARS N43°02'02\" 013.26' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S43°11'15\" 546.55' MORE OR LESS TO A POINT ON THE SOUTH LINE OF CARBON LOSE #0 LOT #42 THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS N43°02'02\" 1364.95' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.501 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON VERNON B. RICHENS ET UX LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE
BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SECTION 29, T2S, R2E, U.S.B.&M. WHICH BEARS S02°22'05\" 538.45' FROM THE NORTH 1/4 CORNER OF SAID SECTION 29, THENCE S51°13'00\" 0.02', THENCE S00°15'45\" 910.71', THENCE S03°21'17\" 85.35', THENCE WEST 233.48' TO A POINT ON THE NE 1/4 NW 1/4 OF SAID SECTION 29, WHICH BEARS S53°02'38\" 557.91' FROM THE NORTH 1/4 CORNER OF SAID SECTION 29, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.558 ACRES MORE OR LESS.

BEGINNING OF PIPELINE (LATERAL "B") STA. 0+00 BEARS N43°02'02\" 1364.95' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.P.L. STA. 5+49.69 BEARS N43°22'27\" 815.25' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.S.L. STA. 18+57.62 BEARS S02°22'05\" 538.45' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
END OF PIPELINE (LATERAL "B") STA. 26+67.52 BEARS S53°02'38\" 557.91' FROM THE NORTH 1/4 CORNER OF SECTION 29, T2S, R2E, U.S.B.&M.

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL	3370.19	2.327	204.74
AMERICA GILSONITE COMPANY	546.55	0.379	33.31
GENE BROWN RANCHES LC	1360.23	0.501	76.29
VERNON B. RICHENS ET UX	805.60	0.558	42.07
TOTAL	6042.57	4.165	356.41

LINE TABLE		
LINE	DIRECTION	LENGTH
L10	S51°13'00\"	432.47

SURFACE USE AREA
FD #15-7-2-2

END OF PROPOSED
PIPELINE RIGHT-OF-WAY
(LATERAL "B")
STA. 26+67.52
(At Proposed Pipeline for the
FD #15-7-2-2)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED AND DRAWN BY THE UNDERSIGNED, A LICENSED SURVEYOR OF THE STATE OF UTAH, AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE: 05-14-13
BY: [Signature]
STATE: UTAH

UTAH ENGINEERING & LAND SURVEYING
50 SOUTH - 400 EAST - 4350 718-1317
VERNAL, UTAH - 84073

SCALE	DATE
1" = 500'	05-14-13
PART	REVISIONS
C.R. A.W. K.O.	FIELD PLAT
WEATHER	FILE
MARK	2 3 8 4 1

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
COUNTY OF UTAH } SS

THAT, effective on this 21st day of May, 2013

Vernon B. Richens, whose address is: P O Box 722, Ft. Duchesne, UT 84026

("GRANTOR"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use up to three pipelines along with the right to alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in **Uintah** County, State of Utah, to-wit:

Township 2 South, Range 2 East, USM
Section 29: A tract of land lying in the NE/4NW/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

The foregoing sets out the entire agreement between Grantor and Grantee, and supersedes any prior oral or written agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC**, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement is signed by Grantor and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 22nd day of May, 2013.

GRANTOR:
Vernon B Richens
Vernon B. Richens

GRANTEE:
Aurora Gathering, LLC

Steve W. Rawlings
Senior Vice President Operations
2071 0 PRL

ACKNOWLEDGEMENT

STATE OF }
COUNTY OF } :SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 22nd day of May, 2013, personally appeared **Vernon B. Richens**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Connie J. Maloney
Notary Public
Residing At: Vernal, Utah

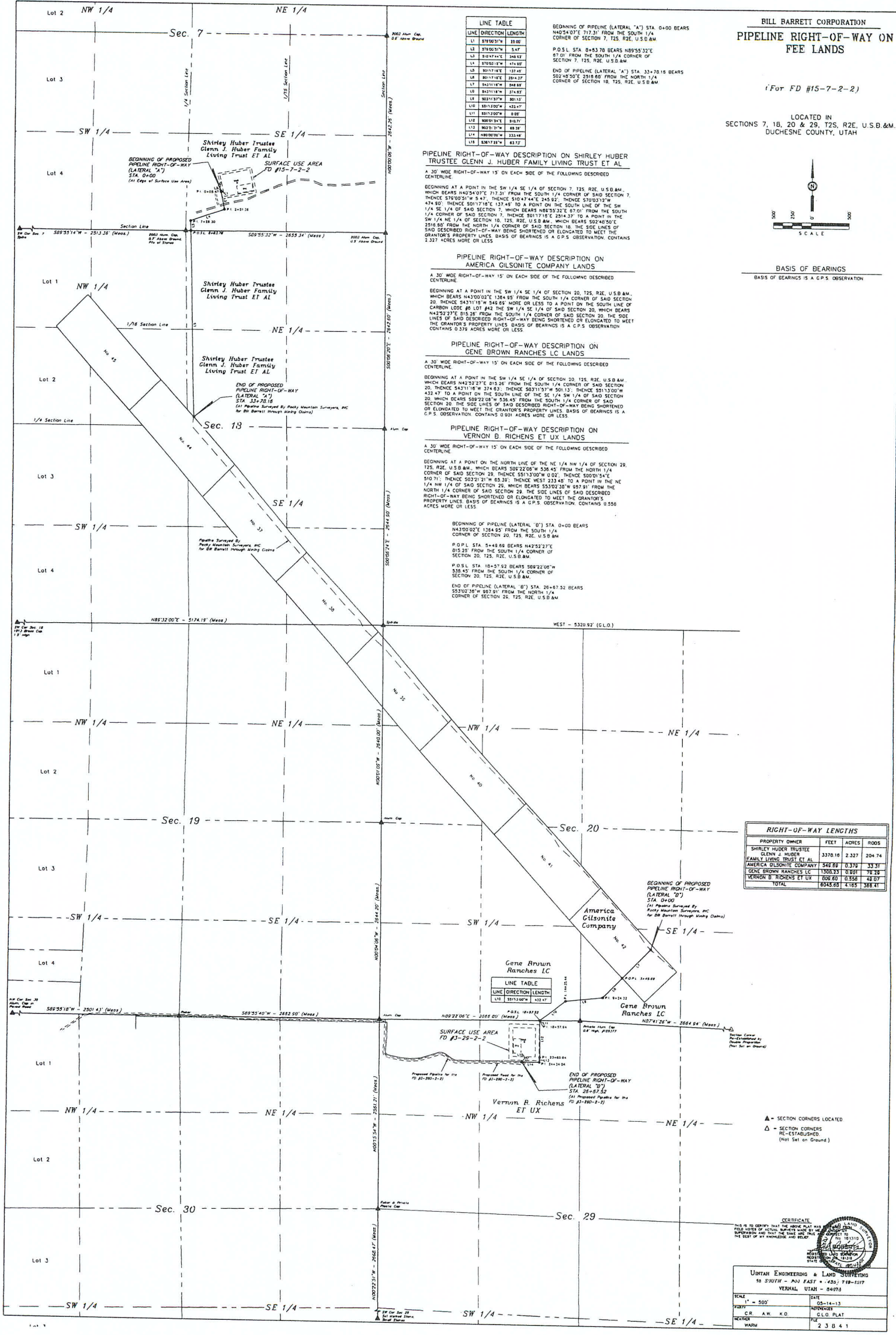


ACKNOWLEDGEMENT

STATE OF COLORADO }
CITY & COUNTY OF DENVER } SS

The foregoing instrument was signed by stamp and acknowledged before me this _____ day of _____, 2013, by **Steve W. Rawlings**, the Senior Vice President Operations of Bill Barrett Corporation, who personally verified to me that said stamp is a true and correct replicate of his/her signature and the he/she authorized its use to execute the foregoing instrument on behalf of said corporation.

My Commission Expires: _____
NOTARY PUBLIC
Residing at: _____

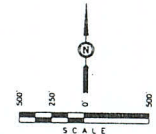


LINE	DIRECTION	LENGTH
U1	S79°00'37\"	13.80'
U2	S79°00'37\"	5.47'
U3	S79°00'37\"	348.52'
U4	S79°00'37\"	474.82'
U5	S01°17'18\"	131.47'
U6	S01°17'18\"	284.37'
U7	S43°11'18\"	348.52'
U8	S43°11'18\"	274.82'
U9	S01°17'18\"	201.32'
U10	S01°17'18\"	432.47'
U11	S01°17'18\"	0.00'
U12	S01°17'18\"	0.00'
U13	S01°17'18\"	0.00'
U14	S01°17'18\"	0.00'
U15	S01°17'18\"	0.00'
U16	S01°17'18\"	0.00'
U17	S01°17'18\"	0.00'
U18	S01°17'18\"	0.00'

BEGINNING OF PIPELINE (LATERAL "A") STA. 0+00 BEARS
N42°40'07\" 717.31' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T2S, R2E, U.S.B.&M.
P.O.P. STA. 0+43.70 BEARS N89°55'32\" 87.01' FROM THE SOUTH 1/4 CORNER OF SECTION 7, T2S, R2E, U.S.B.&M.
END OF PIPELINE (LATERAL "A") STA. 33+70.15 BEARS
S02°40'07\" 2516.80' FROM THE NORTH 1/4 CORNER OF SECTION 18, T2S, R2E, U.S.B.&M.

BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY ON
FEE LANDS

LOCATED IN
SECTIONS 7, 18, 20 & 29, T2S, R2E, U.S.B.&M.,
DUCHESE COUNTY, UTAH



PIPELINE RIGHT-OF-WAY DESCRIPTION ON SHIRLEY HUBER TRUSTEE, GLENN J. HUBER FAMILY LIVING TRUST ET AL

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 7, T2S, R2E, U.S.B.&M., WHICH BEARS N42°40'07\" 717.31' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE S79°00'37\" 5.47', THENCE S43°11'18\" 348.52', THENCE S01°17'18\" 131.47', THENCE S01°17'18\" 284.37' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 7, WHICH BEARS N89°55'32\" 87.01' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 7, THENCE S01°17'18\" 201.32', THENCE S01°17'18\" 432.47' TO A POINT IN THE SW 1/4 SE 1/4 OF SECTION 18, T2S, R2E, U.S.B.&M., WHICH BEARS S02°40'07\" 2516.80' FROM THE NORTH 1/4 CORNER OF SAID SECTION 18, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 2.327 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON AMERICA GILSONITE COMPANY LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 20, T2S, R2E, U.S.B.&M., WHICH BEARS N43°00'02\" 1384.95' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S43°11'18\" 348.52' MORE OR LESS TO A POINT ON THE SOUTH LINE OF CARBON LOSE #0 LOT #42 THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS N43°22'27\" 215.26' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S01°17'18\" 131.47', THENCE S01°17'18\" 284.37' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS S02°40'07\" 2516.80' FROM THE NORTH 1/4 CORNER OF SAID SECTION 20, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.319 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON GENE BROWN RANCHES LC LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:
BEGINNING AT A POINT IN THE SW 1/4 SE 1/4 OF SECTION 20, T2S, R2E, U.S.B.&M., WHICH BEARS N43°00'02\" 1384.95' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S43°11'18\" 348.52' MORE OR LESS TO A POINT ON THE SOUTH LINE OF CARBON LOSE #0 LOT #42 THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS N43°22'27\" 215.26' FROM THE SOUTH 1/4 CORNER OF SAID SECTION 20, THENCE S01°17'18\" 131.47', THENCE S01°17'18\" 284.37' TO A POINT IN THE SW 1/4 SE 1/4 OF SAID SECTION 20, WHICH BEARS S02°40'07\" 2516.80' FROM THE NORTH 1/4 CORNER OF SAID SECTION 20, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.501 ACRES MORE OR LESS.

PIPELINE RIGHT-OF-WAY DESCRIPTION ON VERNON B. RICHENS ET UX LANDS

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:
BEGINNING AT A POINT ON THE NORTH LINE OF THE NE 1/4 NW 1/4 OF SECTION 29, T2S, R2E, U.S.B.&M., WHICH BEARS S02°22'06\" 536.45' FROM THE NORTH 1/4 CORNER OF SAID SECTION 29, THENCE S51°30'00\" 0.00', THENCE S00°01'54\" 510.71', THENCE S02°22'06\" 536.45' TO A POINT IN THE NE 1/4 NW 1/4 OF SAID SECTION 29, WHICH BEARS S53°02'30\" 657.91' FROM THE NORTH 1/4 CORNER OF SAID SECTION 29, THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS A C.P.S. OBSERVATION. CONTAINS 0.550 ACRES MORE OR LESS.

BEGINNING OF PIPELINE (LATERAL "B") STA. 0+00 BEARS

N43°00'02\" 1384.95' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.P. STA. 5+49.50 BEARS N43°22'27\" 215.26' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.S. STA. 18+57.52 BEARS S08°22'06\" 536.45' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
END OF PIPELINE (LATERAL "B") STA. 26+67.52 BEARS
S53°02'30\" 657.91' FROM THE NORTH 1/4 CORNER OF SECTION 29, T2S, R2E, U.S.B.&M.

PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE	3370.16	2.327	204.74
GLENN J. HUBER FAMILY LIVING TRUST ET AL	348.52	0.319	33.31
AMERICA GILSONITE COMPANY	348.52	0.319	33.31
GENE BROWN RANCHES LC	1384.95	0.501	78.26
VERNON B. RICHENS ET UX	657.91	0.550	48.07
TOTAL	8045.06	4.105	388.41

LINE	DIRECTION	LENGTH
U1	S79°00'37\"	13.80'
U2	S79°00'37\"	5.47'
U3	S79°00'37\"	348.52'
U4	S79°00'37\"	474.82'
U5	S01°17'18\"	131.47'
U6	S01°17'18\"	284.37'
U7	S43°11'18\"	348.52'
U8	S43°11'18\"	274.82'
U9	S01°17'18\"	201.32'
U10	S01°17'18\"	432.47'
U11	S01°17'18\"	0.00'
U12	S01°17'18\"	0.00'
U13	S01°17'18\"	0.00'
U14	S01°17'18\"	0.00'
U15	S01°17'18\"	0.00'
U16	S01°17'18\"	0.00'
U17	S01°17'18\"	0.00'
U18	S01°17'18\"	0.00'

BEGINNING OF PROPOSED PIPELINE RIGHT-OF-WAY (LATERAL "D") STA. 0+00 BEARS
N43°00'02\" 1384.95' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.P. STA. 5+49.50 BEARS N43°22'27\" 215.26' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
P.O.S. STA. 18+57.52 BEARS S08°22'06\" 536.45' FROM THE SOUTH 1/4 CORNER OF SECTION 20, T2S, R2E, U.S.B.&M.
END OF PROPOSED PIPELINE RIGHT-OF-WAY (LATERAL "D") STA. 26+67.52 BEARS
S53°02'30\" 657.91' FROM THE NORTH 1/4 CORNER OF SECTION 29, T2S, R2E, U.S.B.&M.

▲ - SECTION CORNERS LOCATED
△ - SECTION CORNERS RE-ESTABLISHED
(Not Set on Ground)

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED BY THE UNDERSIGNED, A LICENSED SURVEYOR OF THE STATE OF UTAH, AND THAT THE SAME WAS SUPERVISED AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STATE OF UTAH
COUNTY OF DUCHESE
I, **DAVID L. BARRETT**,
Surveyor General,
do hereby certify that the above is a true and correct copy of the original plat on file in my office.

UNTAH ENGINEERING & LAND SURVEYING
50 SOUTH - 400 EAST - 400 - 400 - 400
VERMILION, UTAH - 84070

SCALE 1" = 500'
DATE 10-14-13
FIRM A.W.K.O.
C.R. KENNEDY
M.W.H.

MEMORANDUM OF PIPELINE RIGHT-OF-WAY AGREEMENT

State of Utah)(
County of Uintah)(

For Ten Dollars (\$10.00) and other adequate consideration, Gene Brown Ranches, LC, whose address is HC 69 Box 160, Randlett, Utah, 84063-9712 hereafter referred to as "Grantor" has granted, a Pipeline Right-of-Way Agreement to Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202, hereafter referred to as "Aurora", dated May 20, 2013, for the purpose of laying pipeline on the following lands (the "Lands") in Uintah County Utah: A tract of land lying in the SE/4SW/4, SW/4SE/4 of Section 20, Township 2 South, Range 2 East, USM, Uintah County.

This Memorandum is placed of record for the purpose of giving notice of the Pipeline Right-of-Way Agreement.

This instrument may be executed in multiple counterparts with each counterpart being considered an original for all purposes herein and binding upon the party executing same whether or not this instrument is executed by all parties hereto, and the signature and acknowledgment pages of the various counterparts hereto may be combined into one instrument for the purposes of recording this instrument in the records of the County Recorder's office.

Executed this 21 day of May, 2013.

GRANTOR:
Gene Brown Ranches, LC

William E. Brown
William E. Brown, President
of Gene Brown Ranches, LC

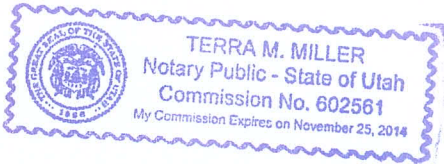
ACKNOWLEDGEMENT

STATE OF UTAH }
COUNTY OF UINTAH } SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 2013, personally appeared William E. Brown, in the capacity as stated above, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Terra M. Miller
Notary Public

Residing At: Vernal, UT





PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
 } SS
COUNTY OF UINTAH }

THAT, effective on this 20th day of May, 2013,

Gene Brown Ranches, LC, whose address is HC 69 Box 160, Randlett, Utah 84063-9712

(“GRANTOR”), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to **Aurora Gathering, LLC** of **1099 18th Street, #2300, Denver, CO 80202** (“GRANTEE”), its successors or assigns, a right-of-way to construct, maintain and use pipelines along with the right to alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantor in **Uintah** County, State of Utah, to-wit:

Township 2 South, Range 2 East, USM
Section 20: A tract of land lying in the SE/4SW/4, SW/4SE/4

As further described on Exhibit “A” attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantor shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee’s access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantor arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantor once cleanup is completed.

agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator’s rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless **Aurora Gathering, LLC**, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantor shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee’s exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement is signed by Grantor and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTOR and GRANTEE herein named have hereunto set their hand and seal this 21 day May, 2013.

GRANTOR:
Gene Brown Ranches, LC

William E Brown
William E. Brown, President
of Gene Brown Ranches, LC

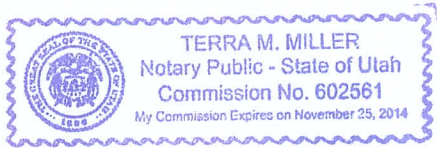
GRANTEE:
Aurora Gathering, LLC

Steve W. Rawlings
Senior Vice President Operations

ACKNOWLEDGEMENT

STATE OF Utah }
COUNTY OF Uintah } SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 21st day of May, 2013, personally appeared **William E. Brown in the capacity as stated above**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.



Terra M. Miller
Notary Public

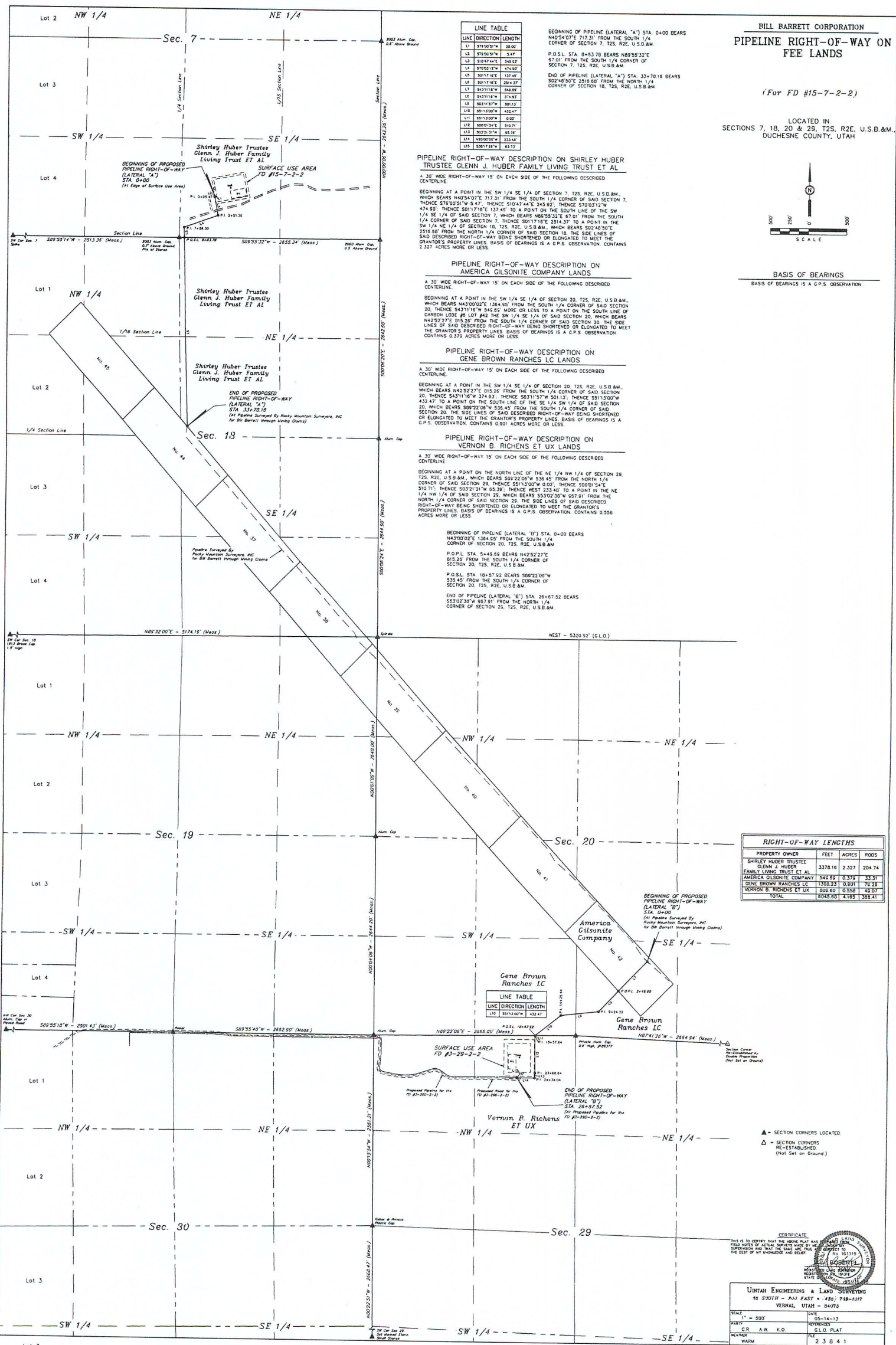
Residing At: Vernal

ACKNOWLEDGEMENT

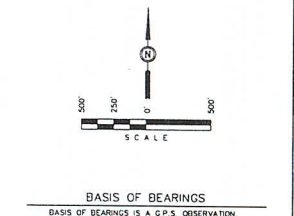
STATE OF COLORADO }
CITY & COUNTY OF DENVER } SS

The foregoing instrument was signed by stamp and acknowledged before me this _____ day of _____, 2013, by **Steve W. Rawlings**, the Senior Vice President Operations of Bill Barrett Corporation, who personally verified to me that said stamp is a true and correct replicate of his/her signature and the he/she authorized its use to execute the foregoing instrument on behalf of said corporation.

My Commission Expires: _____
Residing at: _____
NOTARY PUBLIC



BILL BARRETT CORPORATION
PIPELINE RIGHT-OF-WAY ON FEE LANDS
(For FD #15-7-2-2)
LOCATED IN SECTIONS 7, 18, 20 & 29, T2S, R2E, U.S.B.&M., DUCHESNE COUNTY, UTAH



RIGHT-OF-WAY LENGTHS

PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL	3370.16	2.327	204.74
AMERICA GILSONITE COMPANY	548.89	0.378	33.31
GENE BROWN RANCHES LC	1200.23	0.001	70.29
VERNON B. RICHENS ET UX	605.60	0.558	48.07
TOTAL	8545.68	4.155	356.41

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE MAP WAS PREPARED BY THE UNDERSIGNED AND THAT THE SURVEY WAS MADE BY ME OR BY A LICENSED SURVEYOR UNDER MY CLOSE PERSONAL SUPERVISION AND IN ACCORDANCE WITH THE BEST OF MY KNOWLEDGE AND BELIEF.

UNITAR ENGINEERING & LAND SURVEYING
50 SOUTH - 300 EAST • 435 • 788-1317
VERNAL, UTAH • 84978

SCALE: 1" = 500'
DATE: 05-14-13
PROJECT: PIPELINES
C.R. A.W. K.G.
WEATHER: FLS
REMARKS: C.L.O. PLAT
2 3 8 4 1

Entry 2013005021
 Book 1333 Page 1-2 \$14.00
 22-MAY-13 10:18
 RANDY SIMMONS
 RECORDER, UTAH COUNTY, UTAH
 ENCORE LAND SERVICES INC
 PO BOX 1729 VERNAL, UT 84078
 Rec By: HEATHER COON , DEPUTY

AFFIDAVIT OF PIPELINE EASEMENT AND RIGHT OF WAY AGREEMENT
 AURORA GATHERING, LLC, OPERATOR

Entry 2013005021
 Book 1333 Page 1

STATE OF UTAH)(
)(KNOW ALL MEN BY THESE PRESENTS, THAT:
 COUNTY OF UTAH)(

WHEREAS, the undersigned, Steve W. Rawlings, Senior Vice President Operations, (affiant), whose mailing address is Aurora Gathering, LLC, 1099 18th Street, #2300, Denver, CO 80202, does hereby state the following facts:

That Aurora Gathering, LLC entered into a Pipeline Easement and Right of Way Agreement, dated April 23, 2013, for the Pipeline Right-Of-Way on surface lands owned by American Gilsonite Company, whose address is 29950 South Bonanza Highway, Bonanza, Utah 84008.

The said Pipeline Easement and Right of Way Agreement shall be located over and across the following described lands owned by American Gilsonite Company in Uintah County, State of Utah, to-wit:

Township 2 South, Range 2 East, USM

Section 18: All 14-45-18
 Section 19: NE/4NE/4 14-45-18; 14-49-10
 Section 20: W/2, SE/4 14-49-10;

NOW THEREFORE, the undersigned affiant, Steve W. Rawlings, of lawful age, states the above facts are true and correct to the best of his knowledge.

Signed this 6th day of May, 2013.

OPERATOR:
 Aurora Gathering, LLC

Steve W. Rawlings
 Steve W. Rawlings
 Senior Vice President Operations TJA

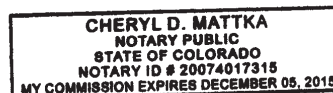
STATE OF Colorado :
 COUNTY OF Denver :

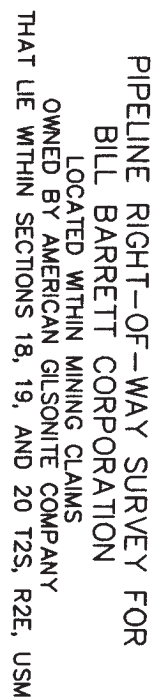
On the 6th day of May, 2013, personally appeared before me Steve W. Rawlings, who, being by me duly sworn, did state that they are the Senior Vice President Operations for Aurora Gathering, LLC and that said instrument was signed on behalf of said corporation.

Cheryl D. Matka
 Notary Public

My Commission Expires:

12/05/2015



[illegible]

SWORN STATEMENT
I, JERRY RAY, A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF UTAH, PUR-
SUE STATE THAT I HAVE PERSONALLY CONDUCTED A FIELD SURVEY OF THIS PROPERTY AND THAT THIS
IS A TRUE AND CORRECT REPRESENTATION OF SAID SURVEY TO THE BEST OF MY KNOWLEDGE AND
BELIEF.

ANNELORE J. DAVIS
UTAH PLS 104200

1-800-368-2674

ADD PROT AND POND

CLUBS: BROOK LAND

FIELD DATE: FEBRUARY 1964

REPORT NUMBER

VERMONT ITEM 000000

(405)786-6182

SURFACE USE AGREEMENT
(FD 3-29D-2-2)

THIS AGREEMENT Dated January 7, 2013 by and between _____
Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship
whose address is P. O. Box 722, Ft. Duchesne, UT 84026
Phone # (435-545-2535) _____, hereinafter referred to as "Surface Owners", and
Bill Barrett Corporation and its Subsidiaries _____, whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owners represent that they are the owners in fee and in possession of the surface estate for the following described lands in **Uintah** County, **Utah** , hereinafter referred to as "Lands", to wit:

A tract of land lying in the **S/2SE/4, SE/4SW/4 of Section 19, N/2NW/4 of Section 29 and in Lot 1 , NE/4NE/4 of Section 30, Township 2 South, Range 2 East, USM** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owners are generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owners as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

Surface Owners for such additional damage.
b. Powerlines. Grant a Right-of-Way Easement for overhead and/or underground power lines and power line facilities to be exercised by Moon Lake Electric Association, Inc. throughout their service territory.

2. Operator agrees to consult with the surface owners and/or tenant as to all routes of ingress and egress. Prior to the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owners and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owners may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.
6. In the event Surface Owners consider that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.
7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owners actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owners from any and all environmental problems it causes on the Lands.
8. In the event Surface Owners own less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.
9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.
10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.
11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

c

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c

d

or

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SURFACE OWNERS:

Vernon B Richens
By: Vernon B. Richens

Eva Diane Richens
By: Eva Diane Richens

S

STATE of Utah ACKNOWLEDGEMENT

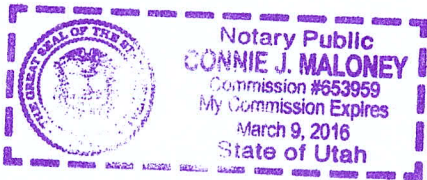
COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 24th day of January, 2013, personally appeared Vernon B. Richens and Eva Diane Richens, husband and wife, as joint tenants with full rights of survivorship, to me known to be the identical person(s), described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly executed same as their free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 3-9-16

Connie J Maloney
Notary Public:



[illegible]

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
COUNTY OF UTAH } SS

THAT, effective on this 22nd day of January, 2013

Vernon B. Richens and Eva Diane Richens, as joint tenants with full rights of survivorship, whose address is: P O Box 722, Ft. Duchesne, UT 84026

("GRANTORS"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202 ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use pipelines along with the right to alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantors in Uintah County, State of Utah, to-wit:

Township 2 South, Range 2 East, USM
Section 29: A tract of land lying the N/2NW/4, NE/4SW/4 and W/2SE/4
Section 30: A tract of land lying in the NE/4NE/4

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantors shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantors arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement. Pipelines and disturbed ground to be reseeded at recommended seeding rates per Grantors once plowing is completed.

provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantors shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement is signed by Grantors and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 24th day of January, 2013.

GRANTOR'S:
Vernon B. Richens

Eva Diane Richens

GRANTEE:
Aurora Gathering, LLC

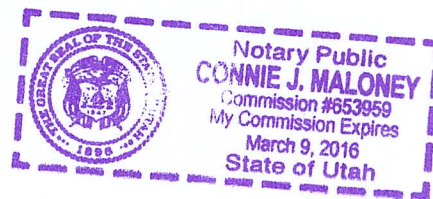
Huntington T. Walker, Senior Vice President Land

ACKNOWLEDGEMENT

STATE OF }
 }:SS
COUNTY OF }

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 24th day of January, 2013, personally appeared **Vernon B. and Eva Diane Richens**, as joint tenants with full right of survivorship, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

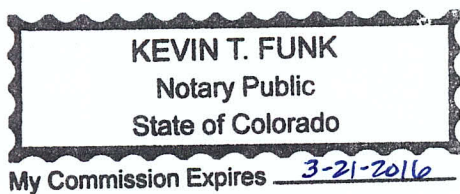
Connie J. Maloney
Notary Public
Residing At: Vernal, UT



ACKNOWLEDGEMENT

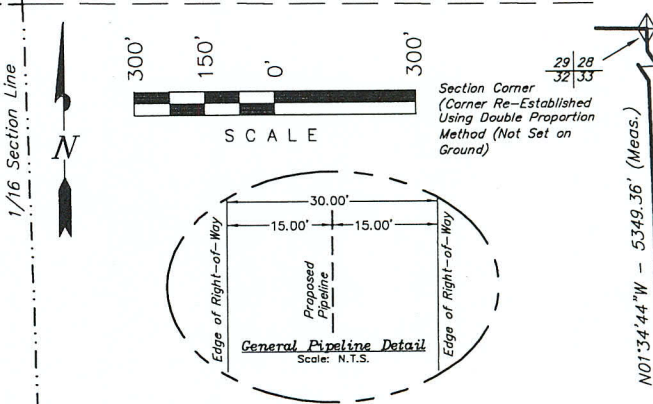
STATE OF Colorado)
) SS
COUNTY OF Denver)

On the 28th day of January, 2013, before me the undersigned authority, appeared **Huntington T. Walker**, to me personally known, who, being sworn, did say that they are the Senior Vice President Land for Aurora Gathering, LLC, and that the foregoing instrument was signed in behalf of said partnership and Appearer acknowledged to me that said instrument to be the free act and deed of the partnership.



Kevin Funk
Notary Public for the State of CO
Residing at Denver, CO

BILL BARRETT CORPORATION
PROPOSED PIPELINE RIGHT-OF-WAY
ON FEE LANDS
For FD #10-29-2-2
Located in Sections 29 & 32, T2S, R2E, U.S.B.&M.
Uintah County, Utah



RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
RICHENS - SEC. 29	3444.80'	2.372	208.776
FAISON - SEC. 32	764.83'	0.527	46.353
TOTAL	4209.63'	2.899	255.129

PIPELINE RIGHT-OF-WAY DESCRIPTION

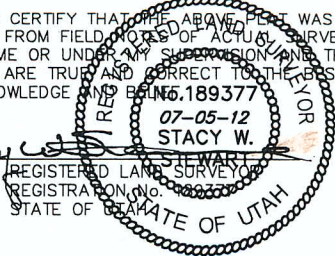
A 30' WIDE RIGHT-OF-WAY LOCATED IN SECTION 29 & 32, T2S, R2E, U.S.B.&M. THE WIDTH OF SAID RIGHT-OF-WAY BEING 15' ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

BEGINNING A 30' WIDE RIGHT-OF-WAY AT A POINT IN SECTION 29, T2S, R2E, U.S.B.&M. WHICH BEARS S06°27'37"E 2859.25' FROM THE NORTH 1/4 CORNER OF SAID SECTION 29; THENCE N80°36'10"W 46.26'; THENCE S60°57'25"W 203.66'; THENCE S50°03'00"W 266.01'; THENCE S81°3'44"W 174.13'; THENCE S13°54'57"W 146.36'; THENCE S10°03'23"E 224.91'; THENCE S27°00'31"E 238.40'; THENCE S37°11'44"E 230.24'; THENCE S34°56'14"E 196.02'; THENCE S37°44'48"E 204.99'; THENCE S42°47'01"E 176.86'; THENCE S45°54'35"E 190.55'; THENCE S48°58'00"E 220.19'; THENCE S53°00'21"E 199.93'; THENCE S53°02'08"E 207.25'; THENCE S53°01'31"E 176.99'; THENCE S4°36'47"E 140.25' TO A POINT ON THE NORTH LINE OF THE NE 1/4 OF SECTION 32, T2S, R2E, U.S.B.&M. WHICH BEARS S89°02'11"E 3950.95' FROM THE NORTHWEST CORNER OF SAID SECTION 32; THENCE S4°36'47"E 103.32'; THENCE S1°46'55"E 661.51' TO A POINT IN THE NW 1/4 NE 1/4 OF SAID SECTION 32 WHICH BEARS S78°12'35"E 4065.04' FROM THE SAID NORTHWEST CORNER OF SECTION 32. THE SIDE LINES OF SAID DESCRIBED RIGHT-OF-WAY BEING SHORTENED OR ELONGATED TO MEET THE GRANTOR'S PROPERTY LINES. BASIS OF BEARINGS IS THE WEST LINE OF SAID SECTION 29 WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N01°29'15"W A MEASURED DISTANCE OF 5228.84'. CONTAINS 2.899 ACRES MORE OR LESS.

BASIS OF BEARING NOTE:
BASIS OF BEARINGS IS THE WEST LINE OF SECTION 29, T2S, R2E, U.S.B.&M. WHICH IS TAKEN FROM GLOBAL POSITIONING SATELLITE OBSERVATIONS TO BEAR N01°29'15"W A MEASURED DISTANCE OF 5228.84'.

- LEGEND**
- ◆ = SECTION CORNERS FOUND
 - P.I. = POINT OF INTERSECTION
 - P.O.S.L. = POINT ON SECTION LINE
 - = PROPERTY LINE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



SURVEYED BY:	C.D.S.
DRAWN BY:	L.C.S.
DATE:	07-05-12
SCALE:	1" = 300'
DWG:	12-0438

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:			
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 15-7-2-2			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. API NUMBER: 43047522270000			
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL			
COUNTY: UINTAH		STATE: UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 2/15/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. BBC hereby requests permission to recomplete the Lower Green River. The objective is to pull existing rods and tubing, set CIBP above existing perforations and T&A the Wasatch. Perforate and frac per the procedures that are attached. Please contact Brady Riley at 303-312-8115 with questions.					
<div style="text-align: right;"> Approved by the Utah Division of Oil, Gas and Mining Date: February 14, 2014 By: <u>DeK Duff</u> </div>					
NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst			
SIGNATURE N/A	DATE 2/12/2014				



FD 15-7-2-2
RECOMPLETE 2 PROCEDURES
Section 7-T2S-R2E
API # 43-013-52227

February 12th, 2014

AFE # 16628R1

OBJECTIVE

Prepare wellbore for Lower Green River recomplete. Pull existing rods and tubing, set CIBP above existing perforations and T&A Wasatch. Perforate and frac per the procedure below. Drill out all CFP's, clean out well to CIBP, run tubing and return well to production.

MATERIAL NEEDS:

Fresh Water: 10,210 BBL's
Acid: 15,600 Gallons 15% HCL to be supplied by the service company
Proppant: 600,000 lbs 20/40 White

CURRENT WELL STATUS

Currently the well is producing 14 BOPD, 30 BWPD, and 21 MCFD.

COMPLETION PROCEDURE

1. **Safety is the highest priority.** Hold wellsite safety meetings each morning and prior to each significant operation. Review critical parameters and objectives as well as emergency action plans.
2. Hold and document pre-activity meeting, determine location of necessary equipment and rig up. Be sure all necessary contractors are present and agree as to the layout of location.
3. Spot necessary tanks and flowback equipment to perform the work outlined below and accommodate the materials listed above.
4. Pressure test flowback iron.
5. MIRU workover rig to pull rods and tubing.
6. Flush well with 300 BBL's superheated fresh water using workover rig pump.
7. RDMO workover rig and associated equipment.



8. MIRU WL unit and lubricator.
9. RIH with gage ring to 9,750'.
10. RIH with 5" CIBP set at 9,734' MD.
11. ND production tree and NU frac tree.
12. Pressure test casing and CIBP to 6,500 psi, hold for 15 minutes, monitor and record bleed off.
13. Perforate Stage 11 of Lower Green River:

STAGE 11					5" CIBP	9,734
GUN SYSTEM	3 1/8					
CHARGE	SDP					
	9435	9436	3	120		
	9449	9450	3	120		
	9477	9478	3	120		
	9491	9492	3	120		
	9506	9507	3	120		
	9528	9529	3	120		
	9541	9542	3	120		
	9554	9555	3	120		
	9586	9587	3	120		
	9592	9593	3	120		
	9620	9621	3	120		
	9629	9630	3	120		
	9645	9646	3	120		
	9658	9659	3	120		
	9674	9675	3	120		
Total			45			

14. MIRU & spot Halliburton frac equipment.
15. Pressures test all lines to 10,000 psi.
16. Frac interval #11 per designs.
17. PU & RIH with 7" 10K frac plug and perforating guns.
18. Set frac plug @ 9,306'
19. Perforate Stage 12 of Lower Green River as follows:



STAGE 12					#1 10 K 7"	9,306
GUN SYSTEM	3 1/8					
CHARGE	SDP					
	8952	8953	3	120		
	8973	8974	3	120		
	8990	8991	3	120		
	9012	9013	3	120		
	9057	9058	3	120		
	9085	9086	3	120		
	9125	9126	3	120		
	9146	9147	3	120		
	9161	9162	3	120		
	9171	9172	3	120		
	9203	9204	3	120		
	9237	9238	3	120		
	9258	9259	3	120		
	9270	9271	3	120		
	9285	9286	3	120		
Total			45			

20. Frac interval #12 per design.

21. PU & RIH with 7" 10K frac plug and perforating guns.

22. Set Frac Plug @ 8,922'.

23. Perforate Stage 13 of Lower Green River as follows:

STAGE 13					#2 10 K 7"	8,922
GUN SYSTEM	3 1/8					
CHARGE	SDP					
	8591	8592	3	120		
	8612	8613	3	120		
	8630	8631	3	120		
	8669	8670	3	120		
	8677	8678	3	120		
	8696	8697	3	120		
	8720	8721	3	120		
	8753	8754	3	120		
	8776	8777	3	120		
	8789	8790	3	120		
	8808	8809	3	120		
	8831	8832	3	120		
	8867	8868	3	120		
	8889	8890	3	120		
	8901	8902	3	120		
Total			45			



24. Frac Wasatch interval #13 per design.

25. PU & RIH with 7" 10K frac plug and perforating guns.

26. Set frac plug @ 8,493'

27. Perforate Stage 14 of Lower Green River as follows:

STAGE 14					#3 10 K 7"	8,493
GUN SYSTEM	3 1/8					
CHARGE	SDP					
	8232	8233	3	120		
	8246	8247	3	120		
	8255	8256	3	120		
	8263	8264	3	120		
	8277	8278	3	120		
	8290	8291	3	120		
	8299	8300	3	120		
	8331	8332	3	120		
	8356	8357	3	120		
	8378	8379	3	120		
	8387	8388	3	120		
	8408	8409	3	120		
	8429	8430	3	120		
	8448	8449	3	120		
	8472	8473	3	120		
Total			45			

28. Frac interval #14 per design.

29. RD Halliburton frac equipment, clear location of all unnecessary personnel and equipment.

30. Open well up to flowback equipment and await further instructions

CASING DATA

STRING	SIZE	WEIGHT	GRADE	DEPTH
Surface	9-5/8"	36#	J-55	3,521'
Intermediate	7"	26#	P-110	9,621'
Production	5"	18#	P-110	12,855'

PRESSURE AND DIMENSIONAL DATA

SIZE	WEIGHT	GRADE	BURST	COLLAPSE	DRIFT
7"	26#	P-110	12,080 psi	9,950 psi	6.151"
5"	18#	P-110	13,940 psi	13,470 psi	4.151"

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: Fee
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		8. WELL NAME and NUMBER: FD 15-7-2-2
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		9. API NUMBER: 43047522270000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0660 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 07 Township: 02.0S Range: 02.0E Meridian: U		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
		COUNTY: UINTAH
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/3/2014	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER
	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Attached, please find the procedures for the recomple in which BBC perforated and fracture the Lower Green River. The recomple took place from 2/7 to 3/3/2014. A revised completion report will also be submitted reporting the changes made to the wellbore.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 March 04, 2014

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 3/4/2014	

**FD 15-7-2-2 2/6/2014 06:00 - 2/7/2014 06:00**

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.50	07:30	SRIG	Rig Up/Down	SLIDE BACK UNIT. R/U RIG & EQUIPMENT.
07:30	2.50	10:00	GOP	General Operations	ATTEMPT TO UNSEAT PUMP. PUMPED 270 BBLs HOT WATER TOTAL. NO LUCK. SHEAR OFF SHEAR COUPLER. TEST TBG TO 800 PSI, HELD.
10:00	2.50	12:30	PURP	Pull Rod Pump	POOH W/ 366 RODS TOTAL, LEFT 80 RODS IN HOLE. SDFN.
12:30	17.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.
06:00		06:00			FUEL REPORT. RC CONSULTING DIESEL 30 GALS. D&M- DIESEL 45 GALS. PROPANE 200 GALS. STONE 7- DIESEL 70 GALS. GAS 15 GALS LT TRUCKING- DIESEL 70 GALS

FD 15-7-2-2 2/7/2014 06:00 - 2/8/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	0.50	07:30	PURP	Pull Rod Pump	FINISH POOH W/ RODS. 116) 1" MMS W/ 4G 161) 7/8" MMS W/ 4G 35) 3/4" MMS W/ 4G 75) 3/4" MMS W/ 4G. 2" GUIDE 59" 7/8" MMS W/ 4G, 2" GUIDE
07:30	1.50	09:00	CTUW	W/L Operation	R/U PIONEER W/L. RIH W/ TBG PERF GUN. PERF TBG @ 11,234'. R/D W/L. FLUSH TBG W/ 70 BBLs.
09:00	2.50	11:30	RURP	Run Rods & Pump	RIH W/ RODS. FLUSH TBG W/ 100 BBLs.
11:30	6.00	17:30	PURP	Pull Rod Pump	POOH L/D RODS. 446 TOTAL. 10- 1" BAD. SDFN
17:30	12.50	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.
06:00		06:00			FUEL REPORT. RC CONSULTING DIESEL 30 GALS. D&M- DIESEL 48 GALS. PROPANE 240 GALS. STONE 7- DIESEL 70 GALS. GAS 15 GALS PIONEER W/L- 30 GALS DIESEL.

FD 15-7-2-2 2/8/2014 06:00 - 2/8/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	2.50	09:30	IWHD	Install Wellhead	BLEED WELL DOWN. KILL WELL. R/D WELLHEAD. TAC WASN'T SET. N/U BOP. R/U FLOOR & EQUIPMENT.
09:30	1.50	11:00	PULT	Pull Tubing	POOH STANDING BACK 50 STANDS.
11:00	6.00	17:00	PULT	Pull Tubing	POOH W/ TAC & BHA L/D 2-7/8 & 2-3/8 TBG. FLUSHED TBG AS NEEDED WHILE POOH. 289 JTS 2-7/8 & 70 JTS 2-3/8 TOTAL. SDFN.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.
06:00		06:00			FUEL REPORT. RC CONSULTING DIESEL 30 GALS. D&M- DIESEL 45 GALS. PROPANE 70 GALS. STONE 7- DIESEL 100 GALS. GAS 20 GALS

FD 15-7-2-2 2/10/2014 06:00 - 2/11/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HOLD SAFETY MEETING.
07:00	1.50	08:30	GOP	General Operations	FLUSH CSG W/ 170 BBLs HOT WATER. WELL ON HARD VACUUM.

**Time Log**

Start Time	Dur (hr)	End Time	Code	Category	Com
08:30	3.00	11:30	CTUW	W/L Operation	R/U CASED HOLE W/L. RIH W/ 5" CIBP. SET CIBP @ 9734'. POOH. RIH W/ DUMP BAILER W/ KNOCK OUT PLUG ON BOTTOM. TAGGING LINER TOP @ 9316'. DID NOT TRY TO WORK THROUGH. POOH. WAIT ON FIRING CAP & GLASS PLATE TO PUT ON BOTTOM. RIH W/ BAILER. WORK BAILER THROUGH LINER TOP. DUMP 2 SKS CMT ON PLUG. POOH. R/D W/L.
11:30	2.00	13:30	RUTB	Run Tubing	RIH W/ 2-7/8 TBG TO 3100'. CIRC OIL OFF WELL. TEST CSG TO 1000 PSI.
13:30	1.50	15:00	PULT	Pull Tubing	POOH L/D 2-7/8 TBG.
15:00	1.50	16:30	IWHD	Install Wellhead	N/D BOP. N/U 10K 7" FRAC TREE. SWIFN.
16:30	2.50	19:00	SRIG	Rig Up/Down	R/D RIG & EQUIPMENT. ROAD TO RU 13-20. R/U RIG. SDFN.
19:00	11.00	06:00	LOCL	Lock Wellhead & Secure	WELL SECURE. CREW TRAVEL.
06:00		06:00			FUEL REPORT. RC CONSULTING DIESEL 15 GALS. A & J- DIESEL 20 GALS. STONE 7- DIESEL 90 GALS. GAS 10 GALS CASED HOLE. DIESEL 40 GALS. GAS 20 GALS D&M- DIESEL 10 GALS. PROPANE 50 GALS

FD 15-7-2-2 2/12/2014 06:00 - 2/13/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILL CSG. HOOK UP CANARY AND PRES TEST CSG TO 7900 PSI. HELD. BLEED OFF AND SECURE WELL.

FD 15-7-2-2 2/26/2014 06:00 - 2/27/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	24.00	06:00	GOP	General Operations	FILLING FRAC LINE. NU FRAC HEAD AND ISOLATION VALVES.

FD 15-7-2-2 3/1/2014 00:00 - 3/2/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
00:00	24.00	00:00	GOP	General Operations	HEAT FRAC LINE

FD 15-7-2-2 3/2/2014 06:00 - 3/3/2014 06:00

API 43-047-52227	State/Province Utah	County Uintah	Field Name Fort Duchesne	Well Status PRODUCING	Total Depth (ftKB) 12,876.0	Primary Job Type Recompletion
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Time Log

Start Time	Dur (hr)	End Time	Code	Category	Com
06:00	1.00	07:00	CTRL	Crew Travel	CREW TRAVEL. HSM
07:00	2.50	09:30	SRIG	Rig Up/Down	RU CASED HOLE WITH 7" 10K LUBE.
09:30	1.50	11:00	PFRT	Perforating	PU GUNS FOR STG 11. RIH AND CORRELATE TO 5" LT AT 9325'. RUN DOWN AND PERF UTELAND BUTTE FORM 9435'-9675" WITH 45 HOLES IN 15' NET. POOH AND VERIFY ALL GUNS SHOT. SHUT WELL IN.
11:00	6.00	17:00	SRIG	Rig Up/Down	MIRU HES FRAC FLEET.
17:00	13.00	06:00	LOCL	Lock Wellhead & Secure	WELL SHUT IN AND SECURE

API Well Number: 43047522270000

Directional survey not attached.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGAMENDED REPORT ☒ FORM 8
(highlight changes)5. LEASE DESIGNATION AND SERIAL NUMBER:
FEE

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
FD 15-7-2-29. API NUMBER:
430475222710 FIELD AND POOL, OR WILDCAT
UNDESIGNATED11. QTR/QTR, SECTION, TOWNSHIP, RANGE,
MERIDIAN:
SWSE 7 2S 2E S12. COUNTY
Utah13. STATE
UTAH

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

OTHER

b. TYPE OF WORK:

NEW WELL ☐HORIZ. LATS. ☐DEEP-EN ☐RE-ENTRY ☒DIFF. RESVR. ☐

OTHER RECOMPLETE

2. NAME OF OPERATOR:

Bill Barrett Corporation

3. ADDRESS OF OPERATOR:

1099 18th St Ste 2300 CITY Denver

STATE CO ZIP 80202

PHONE NUMBER:

(303) 293-9100

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 660 FSL 1980 FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW: 645 FSL, 1938 FEL

AT TOTAL DEPTH: 630 FSL 1923 FEL

14. DATE SPUDDED:

10/3/2012

15. DATE T.D. REACHED:

11/28/2012

16. DATE COMPLETED:

3/3/2014

ABANDONED ☐READY TO PRODUCE ☒

17. ELEVATIONS (DF, RKB, RT, GL):

5201 GR

18. TOTAL DEPTH: MD

12,876

19. PLUG BACK T.D.: MD

12,766

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD

TVD

12,875

TVD

12,765

PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)

CBL/GR/TEMP/CCL

23.

WAS WELL CORED?

NO ☒YES ☐

(Submit analysis)

WAS DST RUN?

NO ☒YES ☐

(Submit report)

DIRECTIONAL SURVEY?

NO ☐YES ☒

(Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
26	16 Cor	65#	0	80	80			0	
12 1/4	9 5/8 J-55	36#	0	3,521	3,521	840	395	0	
8 3/4	7 P110	26#	0	9,621	9,621	310	95	3000	
						800	267	6480	
6 1/8	5 p110	18#	0	12,855	12,855	180	49	9323	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	7,992							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Wasatch	11,608	12,682		
(B) Upper Wasatch	9,750	11,525		
(C) Green River	8,232	9,675		
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
11,608 12,682	.38	177	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
9,750 11,525	.38	261	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
8,232 9,675	.38	180	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
			Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11608' to 12682'	Wasatch: Previously attached
9750' to 11,525'	Upper Wasatch: Previously Attached
8,232' to 9,675'	Green River: See Attached

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 12/27/2012		TEST DATE: 3/6/2014		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 182	GAS – MCF: 27	WATER – BBL: 918	PROD. METHOD: Flowing
CHOKE SIZE: 64/64	TBG. PRESS. 300	CSG. PRESS. 100	API GRAVITY 52.00	BTU – GAS 1	GAS/OIL RATIO 148	24 HR PRODUCTION RATES: →	OIL – BBL: 182	GAS – MCF: 27	WATER – BBL: 918	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				Green River	6,145
				Mahogany	6,979
				Douglas Creek	8,377
				Black Shale	8,864
				Castle Peak	9,293
				Uteland Butte	9,362
				Wasatch	9,779
				TD	12,876

35. ADDITIONAL REMARKS (Include plugging procedure)

TOC calculated by CBL. Conductor cemented with grout. First oil sales 12/27/12; First Gas sales 12/24/2012

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Christina HirtlerTITLE Permit Analyst

SIGNATURE _____

DATE 4/1/2014

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

15-7-2-2 FD Report Continued*

44. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (cont.)			
AMOUNT AND TYPE OF MATERIAL			
<u>Stage</u>	<u>bbls Slurry</u>	<u>lbs 20/40 Premium White</u>	<u>gal 15% HCl Acid</u>
11	3212	150200	3900
12	2832	150400	3400
13	2798	150600	3400
14	2749	148820	3743

*Depth intervals for frac information same as perforation record intervals.